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chain nodes: 10 17 ring nodes:

ring nodes:
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16

chain bonds :

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9-10 10-11 ring bonds:
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Match level: 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 15:CLASS 16:CLASS 16:CLASS 17:CLASS 16:CLASS 16:CLASS 17:CLASS 16:CLASS 17:CLASS 16:CLASS 17:CLASS 16:CLASS 17:CLASS 17:CLASS 16:CLASS 17:CLASS 17:CLASS

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Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 1026 ITERATIONS SEARCH TIME: 00.00.01 23 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
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PROJECTED ITERATIONS: 18599 TO 22441
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524 ANSWERS

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STN Files: CA, CAPLUS, TOXCESTER, USPATFULL

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Relative stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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FILE COVERS 1907 - 11 Feb 2011 VOL 154 ISS 8
FILE LAST UPDATED: 10 Feb 2011 (20110210/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

152:12253
Preparation of insdatopyridine derivatives as GPM-receptor nedelators for treating angiopenesis, pain, extosimene and inflammatory discusses

"Office of the Commodity distribution Edward Martin, Barapanger, December 18 Theorem Wiltz, Molfgang, Weigard, Xlass

Weigarn, USA U.S. Pat. Appl. Pebl., 50pp. CODES: USIGGO PATERT ASSIGNMENTS) :

DOCUMENT TYPE: LANGUAGE: FAMILY ACC; NIM; COUNT: FATENT INFORMATION:

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OTHER SOURCE (5) : MARDAT 152:12353

ADSMEX 1 OF 29 CAPLYS COPYRIGHT 2011 ACS on STN (Continued) 1-Piperidinepentananide, N-[4-[12-ethyl-5,7-dinethyl-38-imidazo[4,5-b]pyridin-3-yl)nethyl]phryl]- (CA 19DEX NMME)

1197879-88-1 CAPLUS 1-Pyrolidinepertamenide, unetylannov-8-[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyridin-3-yl)nethyl]phenyl)- (CA INDEX NAME)

.. 113 (cou-a)=17

Ni: FFFE (Prophetic); RCT (Reactant); STM (Synthetic preparation); FFEE
[Preparation]; FACT (Reactant or reagent)
[preparation of novel inidatopyridime derivs. as GFM4 receptor
modulators

lators for treating angiogenesis, pain, autoinnume and inflammatory diseases) 113 780-45-7 CMEU/S PRETABANGE, Discodiff-(4-(2-cety)-5,7-disecty)-38-inidaso(4,5-b)pyridin-3-yl-inethyl-15expyl-1- (CA. INDEX NOME)

TI 17142-14-19
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L6 ANSMER 1 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

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(CD12, CD12, CD12, C), a bood, If c. R. alx), and If c. alx], nametivated by heteropylyid or Netscorpylyid or Netscarpyl, useful to treatment of diseases and disorders which may e.g. involve angiogenesis and/or pain, including avoicement and inflamentory diseases, we have

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les) (preparation of novel inidazopyridine derivs, as GPR4 receptor

ulators
for treating argiogenesis, pain, autoimmuse and inflammatory diseases)
113787-86-9 CAPLUS
1-Pyrrolidinspart ansmide, N-[4-[(2-ethyl-5,7-dimethyl-3N-inidato[4,5-b)pyridim-1-ylinethyl]phenyl]- (CA INDEX NAME)

NH 1197879-87-0 CAPLUS

L6 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2011 MCS on STN (Continued)

147:38462 A novel method for assessing inhibition of ibuprofen chiral inversion and its application in drug

Boddy, Asita; Hashin, Noharenda Meng, Tujang Pann, Lara; Birahorin, Charlas J., Burdetta, Noujias; Proclinical Birahorin, Charlas J., Burdetta, Noujias; Proclinical Birahorin, Pizze Clokal, Research and Development, Teleparational Sourceal of Parametering (2007), Communication Sourceal of Parametering (2007), COSMI, 127403; 12808 0770-5377 Likewise I.G.

NORMALIZED COURSE INVESTIGATION TO THE ACT OF THE ACT O

drug discovery)
148550-05-4 CARANA
18-Pyrrole-1-cestic acid, 2-[[[4-[(2-ethyl-5,7-dimethyl-3H-imidato]4,5-h]pyridat-3-yl)methyl]phenyl]amino]carbonyl]-0-[phenylmethyl)-,
(65)- (CA INDEX NAMES)

Absolute stereochemistry.

CITING REF COUNTS THERE ARE I CAPLUS RECORDS THAT CITE THIS

(1 CITINGS) THERE ARE 18 CITED REFERENCES AVAILABLE FOR REFERENCE COURTS RECORD. ALL CITATIONS AVAILABLE IN THE RE

PORMAT

22 DESCRIPTION OF THE STATE OF

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO.

A 20070315 JP 2007063261 PRIORITY APPIN. INPO.:

A SCONIC,[5): MMSRAT 146:309333
The invention provides a preventive and/or renedy for X-ray induced lung unjury characterized by containing a component which inhibits signal transduction of GP94 [G protein-coupled receptor 4), including an antisense an olipownoleotide, artibody, and indiazopyzidize derivative

example, a compound 2-(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyridin-3-ylnethyl)-9-(4-ethylphperain-1-ylnethyl)-10,13-dihydro[b,f]azepane difumarte was prepared, and examined for its GTP4 antagonistic effect

TUT a prediction inhibitory effect is visto.

1312-1-0-1 2012-1-0-1 2012-0-1 2012-0-2
21822-0-1 2012-0

aniury anjury containing GFR4 signaling inhibitors)
320 137421-60-4 CAPUUS
CN SR-Innairo(4,5-b)gyridine,
2-ethyl-5,7-dimethyl-3-[(4-mitrophenyl)methyl][CAPUER NOBER NOBER]

137421-61-5 CAPEATS Benramnne, 6-[(Z-ethyl-5, 7-dimethyl-JH-imidano[4,5-b]pyridin-3-yllmethyl] (CA EMES NAME)

L6 ANSWER 3 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

16 MMSMER 2 OF 29 CAPLES COPYRIGHT 2011 ACS on STN (Continued)

927822-00-2 CAPLUS Methanore, [4-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-ylnethyl]phenyllaniso[cyclobexyl](4-methyl-1-paperarmyl)- (CA INDEX

Cyclohexanecarboxylic acid, 4-[[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-3-yl)methyl]phenyl]amino]-, ethyl ester (CA INDEX NAME)

927822-04-6 CAPLUS Cyclobeanecarboxylic acid, 4-[[4-[(2-cthyl-5,7-dimethyl-3E-inidazo[4,5-b]pyridin-3-yl)nethyl]phenyl]amino]- (CA INDEX NUME)

927822-05-7 CAPLOS Methanone, $\{4-[4-[2-ethy1-5,7-dinethy1-38-anidazo\{4,5-b]pyradin-1-y]nethyl]phenyllanino] oyolobexyl]<math>\{4-nethyl-1-piperazinyl)-$, ethinedicate (1+7) [CA IRREX NRMS]

MESMER 3 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR CM 1

CMS 927822-00-2 CMS C29 B40 NO 0

CES 144-62-7 CMF C2 82 04

es) (preventives and/or remedies for X-ray induced lung injury containing

864172-38-3 CARLES
Bearmeanine, 4-[(2-ethyl-5,7-dinethyl-3E-inidaro[4,5-b)pyridin-3-yl)methyl-N-[cna-4-[(4-nethyl-1-piperarinyl)nethyl]cyclobaxyl]- (CA INDEX MANE)

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ACCESSION NUMBER: 200
DOCUMENT NUMBER: 140
TITLE: Che
INVENTOR.S: SAD
PATENT ASSIGNME(S): Nov
SCORCE: PCT

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT:

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20	PATENT NO.					KIND DATE			APPLICATION NO.						DATE			
50	WO 2007023880				A1 20070301			WO 2006-JP316560						20060824				
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OTHER SOURCE (S) MARPAT 146:266782

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- (chemoline production inhibiting comprising substances capable of inhibiting GDR signal transduction)

 30 B4411-85-5 CARUS

 CM Mithanome, (4-methyl-1-piperszinyl)[trans-4-[[4-[2,2,7-trinschyl-2H-inidato4[4,5-b]pyridin-3-yl]methyl]phenyl]anizo[cyclohaxyl] (CA NNEEN

Relative stereochemistry.

DE4171-86-8 CMPLOS
Cyclohexanecarboxanide, N-[2-(1-pyrrolidiny1)ethy1]-4-[[4-[(2,5,7-tranethy1-38-anidaro[4,5-b]pyridin-3-y1)nethy1]pheny1]amano]-, trans-THINKS NAME)

864172-71-4P RL: RCT (Beactant), SPN (Symthetic preparation); PREP (Preparation); RACT (Decokine production inhibator comprising substances capable of

L6 MEMMES 4 OF 29 CAPLUS COPYRIGHT 2011 MCS on STH (Continued) 0794 signal transduction)
10 S64132-71-4 CAPLUS
11 S64132-71-4 CAPLUS
12 Cyclobraneonatomylus end, 6-[[4-[2,5,7-transthyl-3B-imidato]4,5-imidato]4,5-imidato]4,5-imidato]5, Trans- [CA NEEKE NOMEN)

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Relative stereochemistry.

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ANSWER 5 OF 29 CAPLUS COPTRICET 2011 ACS on STR nitropicsnyl)methyl) = (CA INDEX NAME)

FORMAT

THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)
THERE ARE 24 CITED REFERENCES AVAILABLE FOR REFERENCE COUNTS RECORD. ALL CITATIONS AVAILABLE IN THE RE

JS COPYRIGHT 2011 ACS on STN 2006:1224882 CAPLUS 146:178505 L6 MISMER 5 OF 29 CAPLUS ACCESSION NUMBER: 20

146:176305 Identification of Previously Unrecognized Anticatrogenic Chemicals Using a Novel Virtual

Antiestrogenic Chemicals Using a Novel Viller Screening Approach Wang, Ching Y.; Ai, Ni; Arora, Sonia; Krentich, Kric, Hagarajan, Karthigeyan; Eauhar, Eandy; Young, AUTHOR (S):

Welsh, Milliam J. Department of Pharmacology, University of Medicine

Dentistry of New Jersey-Pobert Wood Johnson Nedical School (UNESS-MANNE), Pisostaway, NJ, 08854, USA Chemical Research in Toxicology (2004), 19(12), 1295-1401 CODERN CHYDEC, 1288N 0893-228K American Chemical Society

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n as endocrine disrupting chems. (EDCs), have been shown to alter the physical effects of estrogen in humans and wildlife. As such, these EDCs may

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ACCESSION NUMBER: 200
DOCUMENT NUMBER: 140
TITLE: pho
INVENTOR(s): Kay TENT ASSIGNED (S)

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INCOMMENTOR

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			AZ,	BY,	EG,	KZ,	MD,	EU,	TJ,	TN,	AT,	BE,	BG,	CH,	CY,	CE,	DE,	DK,
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ASSIGNMENT RISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 147:272565 AS This invention provides a pharmaceutical combination containing a sufformance.

omanide or a salt and a pharmaceutical selected from the group consisting of an a-glucosidase inhabitor, an invulin secretagogue, a sulfongluces and a biguanide. The blood glucous level of a patient showed greater

determine by the combined orbitalization of the test compound and a bupanishpy the combined orbitalization of the test compound and a bupanishpy the combined orbitalization compound in the compound of the combined orbitalization compounds participated combined combined

16 ANSMER 6 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

L6 ANSWER 7 OF 29 CAPLUS ACCESSION NUMBER: 20

JE COPYRIGHT 2011 ACS on STM 2005:979654 CAPLUS 143:266925 DOCUMENT NUMBER:

145:1249/25 Preparation of imidazo[4,5-b]pyridine derivatives as GPR4 receptor antagonists Tida, Kyolchizo; Otsubo, Nobusasa; Kuboyama, Takeshi; Arai, Hitoshij Matanaba, Athikko; Saki, Mayuni;

Michaels, Mithiop Sail, Myson Alabehi;

Michaels, Michigo Sail, Myson Midenori, Saito, Jun
Ryosa Balko Rosyo Co., Mdd., Japan
RT Int. Appl., 215 pp.
COMPRIPTING
Japanese
Japanese

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM, COUNT: PATENT INFORMATION:

PATERT NO. KIND APPLICATION NO. 0023905 All 20050909 M0 2005-JF7687 AE, AG, AL, MM, AT, AG, AZ, BA, BE, DG, DE, DM, CH, CO, CF, OC, CE, DE, DK, 104, DE, DC, EE, EG, GE, GH, GH, BE, BG, TD, TL, TH, TB, CF, EE, EG, KL, LE, LG, TT, LG, LV, M, MB, MB, CM, SM, MA, NO, NG, CH, NO, PB, PL, PT, EC, FG, SG, SD, SE, ST, TG, TM, TE, TT, TG, UW, OW, OS, SW, CG,

JP 2004-307947 A 20041022

OTHER SOURCE(S): MARPAT 143:266925

L6 ANSWER 7 OF 29 CAPLUS COPTRIGHT 2011 ACB on STR

The title compds. I [wherein R1 = R, halo, NH2, etc.; R2-R4 = landegendersLy R, halo, CN, etc.; Y = N or [unbashstituted CN; X = [unbashstituted NN; E1-84 = independently N or [unbashstituted CN; W = NOJ. CNO.] unbashstituted alkyl, etc.] or pharmaceutically acceptable salts thereof are prepared as 0 protein-compuled responsible for the composition of the composition of

for the treatment of neutrophil inflammation. For example, the compound

was prepared in a nulti-step synthesis. II inhibited 95% of human GPR4

ome purposes in a ministrating purposess. Il Schnichted 99 of homes CFML 18 (1997) 18 (1977) 18

863877-48-9 CAPLUS Bezzeranize, 4-[{2-ethyl-5,7-dimethyl-3H-inidazo[4,5-b]pyridin-3-yl|methyl|-2-mitro- (CA INDEX NAME)

ANSWER 7 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

863877-49-0 CAPLUS 1/2-Benzenedianise, 4-[(2-ethyl-5,7-dimethyl-38-inidaro[4,5-b]pyridin-3-yl)methyl- (CA INDEX NAME)

OS.CITING REF COUNT: THERE ARE 5 CAPLUS RECORDS THAT CITE THIS

(5 CITINGS)
THERE ARE 6 CITED REPERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REPERENCE COUNTY DODMAT

JS COPYRIGHT 2011 ACS on STR 2005:979653 CAPLUS 143:286426 16 AMENUE 8 OF 29 CAS ACCESSION NUMBER:

143:284-25
Preparation of imidaro[4,5-b]pyridine derivatives as GPA4 receptor antaquelists for treatment of neutrophilic inflammatics between 11da, Kpatchiro, Orasbo, Nobremana; Kuboyama, Takashi; Aral, Ritoahij Matambe, Akihiko; Saki, Mayumi;

INVENTOR (S): Skoko, Sanako, Sarahiko, Takada, Hidemori; Salito, Jun Sport Jakan Bengo Co., Ltd., Jagan Congres Pixkor, 198 pp. CORRES PIXKOR

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUN FATERT INFORMATION:

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													A 20040226						

JP 2004-307948

A 20041022

90 2005-JPR656 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 143:286426

ANSAELS 8 OF 29 CAPLUS COFFEIGHT 2011 ACS on STH (Continued) Bearoic acid, 4-[14-[2-ethyl-5,7-dimethyl-38-inidato [4,5-b]pyridin-3-vilnethyllohervilanno]-, ethyl ester (CA INDEX NAME)

064171-57-3 CAPLUS Methanose, [4-[4-(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyridin-3-ylinethylphesyl]anino[phenyl](4-eethyl-1-piperazinyl)- (CA INDEX NAME)

864171-63-1 CAPLUS Degration of the control of the cont

332 864171-64-2 CARLES
CR Cyclobasanecarboxylic acid, 4-[4-[4-cthy1-3,7-dimethy1-3H-imidazo[4,5-b]pyxdan-1-yl)methyl]phenyllamano[-, ethyl ester, trans- (CR DROKE NAME)

L6 AMSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

329 064171-56-2 CAPLUS

864371-65-3 CAFLOS Methanome, net-e[[4-[2-ethyl-5,7-dinethyl-3M-inidato[4,5-b]pyridin-3-yl)methyl]phenyl]anino]oyolobssyl)(4-methyl-1-piperarinyl)- (CA INDEX NOME)

ANSWER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

Relative stereochemistry.

064171-67-5 CAPLUS

Nethanone, u-4-[4-[2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyxdan-2-vl)nethyl]phenyl]ankho[cyclohexyl]-4-morphollnyl- (CA INDEX NAME)

864171-68-6 CAPLUS Mcthanone, ann-4-[[4-[2-ethyl-5,7-dimethyl-38-imidano[4,5-b]pyridim-3-yl]methyl]phenyl]mino]cyclobusyl]-1-pyrrolidinyl- (CA INDEX NAME) Relative stereochemistry.

221 044171-72-2 CAPAUS CN Methanome, [trans-4-([4-[(2-ethyl-5,7-dimet)yl-38-inidazo[4,5-b)pyridim-3-yl)methyl]phonyl]anamo[cyclobexyl]-l-piperaxinyl- (CA INDEX NAME)

Relative stereochemistry.

- L6 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

NN 864173-81-3 CAPAUS CN Nothanose, [crass-4-(14-(1-a-thyl-5,7-dimethyl-3N-imids10[4,5-b]pyridim-3-y3]methyl]phasyl]animo]cyclobasyl](4-(4-morpholinyl)-1-piperidinyl)-INDEX NOTA

Relative stereochemistry.

864171-83-5 CAPLUS
Nethanozo, (4-methyl-1-piperazinyl)[trans-4-[4-[2.5,7-trimethyl-3H-imidato[4.5-b]pyradin-3-yl)methyl]phenyl]anino]cyclobexyl)- (CA INDEX NME)

Relative stereochemistry.

CO Cyclobrane on thorander, Cyclobrane on thorander, 4-[(4-[(2-mthyl)-7-mthyl)-3-minidate(4,5-b)pyridin-7-ylimethyl)phenyl]anino)-N-(2-(4-morpholinyl)ethyl)-, trans- (CA INDEX 1998)

Relative stereochemistry.

L6 AMSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

DE4171-76-6 CAPLUS Cyclobearnearphoxamade, 6-[[4-[(2-ethyl-5,7-dimethyl-28-inidszo[4,5-b]pyradim-7-yl)methyl]phenyl]amino]-8-[2-(1-pyrrolidinyl)ethyl]-, trans-(CA_INDEX_NMM)

Belative stereochemistry.

ovel/1-79-2 CAPLUS Cyclobranecarboxanide, 4-[4-[2-ethyl-5,7-dimethyl-3E-inidano[4,5-b]pyxidin-3-yl)nethyl]phenyl]anino]-R-[2-[4-morpholinyl)ethyl]-, trans-(CA INDEX NOME)

Relative stereochemistry.

ANSWER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continues)

864171-84-8 CAPLUS Cyclobexamecarboxamide, 4-[[4-[2,7-dimethyl-3H-imidazo[4,5-b]pyridim-3-yl)methyl]phenyl]animo]-8-[2-[4-morpholinyl)ethyl]-, trans- (CA INDEX NOME)

Relative stereochemistry

884171-98-2 CAPLUS 4-Fiperidinamine, N-[4-[(2-ethyl-5,7-dinethyl-3H-imidazo[4,5-b]pyridin-3-ylmethylphemyl]- (CA INDEX NOWE)

HM 864172-00-9 CAPLES CH 1-Piperidinecarbonyllo acid, 4-|||4-||2-ethyl-5,7-dinethyl-38-imidaro|4,5-

16 MEMER 8 OF 29 CAPLIS COPYRIGHT 2011 MCS on STR (Continued) b[pyridin=3-yl)methyl]phemyl]amimo[methyl]-, 1,1-dimethylethyl ester (CA NEEK MME)

FER 054172-01-0 CAPLUS CN 4-Fiperadimenethamamne, N-[4-[(2-ethyl-5,7-dimethyl-38-inidaze]4,5-

22 864172-02-1 CAPLUS CH 1,4-Dioxaspiro[4.5]decare-8-methanamin

N-[4-[(2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyridin-3-yl]methyl]phenyl]-(CA INDEX NAME)

38 864172-06-5 CAPURS CN Cyclobexanome, 4-|||4-||2-ethyl-5,7-dimethyl-3M-imidazo|4,5-b)pyridin-3 yl)methyl)phemyl]amino]methyl)- (CA INDEX NAME)

D3 064172-07-6 CAPLUS G3 1.4-Dioxaspiro(4.5)decan-8-anine, N-[4-](2-ethyl-5,7-dinethyl-3Bnndaro(4,5-b)yzadan-3-yllmethyl)phenyl)- (CA INDEX NAME)

16 ANSMER 8 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

320 844172-28-2 CAPLUS CM Cyclobeassecarboxylic acid, 4-[|4-||7,5,7-trimethyl-3B-inidaro|4,5b]pyridin-3-yl]methyl]phenyl]anino]-, ethyl ester, trans- [CA INDEX SAME)

Relative stereochemistry.

EN 864172-29-2 CAPLUS CN Cyclobranecarboxylic acid, 4-[4-[2-ethyl-7-methyl-3H-imidaro[4,5-mail] September (CA INDEX

Relative starsochemistry

NN 864172-70-5 CAPUNS
CN Cyclohemarecarboxylio acid,
4-[(4-1(2, 7-Amentaly-19-lundaro[4,5-b)pyxidin3-ylinethyl]phenyl]amino]-, ethyl ester, trans- (CA IRBEK NAME)

A AMSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

NN 864172-16-7 CAPLUS

38 4-Piperidinesethananine, 8-[4-[12,5,7-trimethyl-38-imidazo[4,5-b]pyridin-3-

PN 864172-23-6 CAPLUS
CN 1-Fiperidisearboxylic acid, 4-||[4-|[2-ethyl-7-methyl-38-imidato[4,5-b]pyr.din-3-yllmethyl]phonyllamino]methyl)-, 1,1-dimethylethyl ester (CA IROEX NOWA)

FSI 064172-24-7 CAPLUS CSI 4-Piperidinemethananine, N-[4-[[2-ethyl-7-methyl-38-imidazo[4,5-b]pyridin-3-yl)methyl)phonyl)- (CA INDEX NUMC)

NN 864172-27-0 CAPLUS

CS Cyclobrameanthoxylic acid, 6-[4-[2,5,7-trumethyl-3H-inidato]4,5B)pyridia-3-yllmethyl)phenyllamino]-, ethyl ester, cis- (CA INDEX NAME)

LG ANSWER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

PN B64172-31-6 CAPLUS
CR Cyclobexamecarboxylic acid, 4-[[4-[[2-(2-furanyl)-5,7-dimethyl-3H-inidarol4,5-b]pyridin-3-yl]methyl]phenyl]amimo]-, ethyl enter, trans-

(CA INDEX NAME)

Relative stereochemistry

HN 884172-35-0 CAPLUS
CH Optobeanmoutbooylo acid, 4-[4-[5-chloro-2,7-dimethyl-3H-inidazo[4,5-SMMM)]
NEWS (CHLORED -7-yl)methyl]phenyl]anno]-, cthyl ester, trans- (CA IMEEX

Relative stereochemistry.

331 84472-37-2 CARGES (2) Methanone, [cust-4-[[4-[2-ethyl-3,7-dimethyl-3#-inidate[4,5-b]pyxidim-3-yl]nethyl]phecyl]amano[cyclohesyl][4-nethyl-1-papararanyl)- [CA INDEX NSMS]

lative stereochemistry

NO 964172-40-7 CAPLUS
ON Methanome, [ous-4-[[4-[(2-ethyl-5,7-dimethyl-38-inidaze[4,5-b])yridin-3-yl]methyl]phenyl]anano[oyelohexyl]-l-pyrrolidinyl- (CA INDEX NOME)

16 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACB on STN (Continued)

17 14(1)-0-1-0-1 14(1)-1-0-1 14(1)-1

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L6 ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

181 864172-64-3 CAPLES CB Methanome, (4-methyl-1-piperazznyl) [cis-4-[[4-[12,5,7-trinethyl-3Hlnidize](4,5-b]pyridin-3-yl)methyl]phenyl]amino[cyclobesyl]- (CA INDEX NOME)

RN 044172-51-0 CARLOS
CN Methanone, describedinyl[cis-4-[[4-[4,5,7-trisethyl-28-inidate[4,5-b]pyridin-3-y])nethyl]phenyl]anino]cyclobesyl]- (CA REEX NAME)
Relative sterochemistry.

380 064172-53-2 CAFLOS OM Methanone, [4-(hydroxymethyl)-1-piperidinyl)[els-4-[[4-[42,5,7-trunethyl-38-inidate[4,5-b]pyridin-3-yl)methyl]phenyl]amino]cyclohexyl)- (CA INDEX NAK).

Relative stereochemistry

L6 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

1M 864170-96-7 CAPLUS CR Bennanide, 2-chloro-8-[4-[12-ethy3-5,7-dimethy3-3H-imidaro[4,5-b]pyridin-3-y2]methy3]pheny3]- (CA INDEX NOME)

181 864170-97-8 CAPLUS CR Benzamide, N-[4-[12-ethyl-5,7-dimethyl-38-imidaze[4,5-b]pyridin-3-yllmethyl]phenyl]- (CA INDEX NOME)

IN S64170-96-9 CAPLOS CR Benzanide, N-[4-](2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-3-yl)methyl]phenyl]-4-methoxy- (CA INDEX NOME)

NN 864170-99-0 CAMANS
CR Benzanide, R-[4-][2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3yl]methyl]phonyl]-4-methyl- (CA INDEX NAME)

223 864171-00-6 CAMANS C23 Acctanide, N-(4-{(2-ethyl-5,7-dimethyl-3E-imidazo(4,5-b)pyridim-3y3)nethyl]phenyl]-2-phenovy- (CA INDEX NAME)

22 064271-01-7 CAPLUS CN Benzande, N-[4-](2-cthyl-5,7-dusethyl-38-inidazo[4,5-b)pyridin-3-vi)nethyl-benvil-3-(trifluorosethyl)- (CA INDEX NAME)

TRI 864171-02-8 CAPLUS
CN Berranide,
4-butoxy-B-(4-[(2-ethyl-5,7-dinethyl-3H-inidaro[4,5-b]pyridin-3-yllmethyl[phenyl] (CA INDEX SDME)

16 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR (Continued)

NN 864171-08-4 CAPLUS CN Cyclopeza asscarboxamide, N-[4-[[2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyndim-3-y]lmthyl]phenyl]- (CA INDEX NAME)

20 964171-09-5 CAPUS CN Cyclopentaneproparanide, N-|4-|(2-ethyl-5,7-dimethyl-38-inidaze|4,5-b)pyxidam-3-yllnethyl]phenyl]- (CA INDEX NAME)

RN 064373-11-9 CAPANS CN 1-Naphthalemearboxamide, N-[4-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyxidim-3-y2]methyl]phenyl]- (CA INDEX NAME) 6 ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN [Continued]

EN 864171-04-0 CAPLES
CE Acctanide, N-[4-[12-ethyl-5,7-dimethyl-3E-imidaco[4,5-b]pyridin-3-y1)methyl]phomyl]- (CA IMBEK MUME)

PM 054171-05-1 CAPLOS CM Acstande, N-[4-[12-ethyl-5,7-dimethyl-38-imidate[4,5-b]pyridin-3vlnethyllbenyll-2-methour- (CA INDEX NAME)

38 864171-06-2 CAFLOS CB Proparando, N-[4-[2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-3-yl)nethyl]phenyl] (CA INDEX MARE)

RN 064171-07-2 CAPLUS CN Cyclopropaneoxidoxanide, N-|4-|(2-ethyl-5,7-dimethyl-28-imids ro|(4,5-b)pyridim-3-yl)nethyl)phenyl)-2-phenyl-, (1E,28)-rel- (CA INDEX NAME)

6 ANSWER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

FM 864171-12-0 CAPLOS

CM 2-Thiopherearboxanide, N-[4-](2-ethyl-5,7-dimethyl-3H-inidazo[4,5-b]pyridin-3-y3)methyl]phenyl]- (CA INDEX NOME)

CN 2-Thiopheneacetamide, N=|4-|(2-ethyl-5,7-dimethyl-3E-inidaze|4,5-b)pyridin-3-yl)methyl|phenyl| (CA INDEX NAME)

PRI 864171-14-2 CAPLUS CRI 3-Pyridimeoxiboxamide, N-[4-[12-ethyl-5,7-dimethyl-38-inidazo[4,5b]pyridime-3-yllomethyl]phenyl]- (CA IMDEK NEME)

IN 864171-15-3 CAPLUS
CR 1,3-Remrodioxole-5-carbonamide,
N-[4-][2-ethyl-5,7-dimethyl-3M-imidazo[4,5-b]pyradim-3-yl)methyl-]Pemyl]- (CA INDEX NUME)

PN 864171-18-6 CAPLOS CR Benranide, 3-eyano-th-[4-(12-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyridim-3-yllnethyl]phenyl]- (CA INDEX NAME)

844172-25-5 CAPLUS Urea, N-(4-(12-ethyl-5,7-dimethyl-3H-inidazo(4,5-b)pyridin-3-vlimethylmbewyl-18'sl-mashthalonyl- (CA INDEX NAME)

844171-27-7 CAPLUS Urea, N-[4-](2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-ylmethyl]phenyl]-87-(phenylmethyl)- (CA INDEX NAME)

ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN Cont inned

864171-20-0 CAPLUS Urea, R-[4-(12-ethyl-5,7-dimethyl-3B-inidaco[4,5-b)pyridin-3---\textbollohenyl]-R'-phenyl- (CA INDEX NOME)

DE4171-21-1 CAPLOS Urea, N-[4-[(2-ethyl-5,7-dimethyl-38-inidate[4,5-b)pyridin-3-vl)methylbebrul-8"-(4-methoxymbosyl)- (CA INDEX NAME)

864171-22-2 CAPLUS Ures, N-[4-[(2-ethyl-5, 7-dimethyl-3B-inidaro[4, 5-b]pyridin-3-vl)methylobenvil-8"-(4-methylobenvi)- (CA INDEX NAMI)

964171-23-3 CAPLUS Urea, N-[4-[(2-ethy)-5,7-disethy)-38-inidazo[4,5-b]pyridin-3-ultashultahawall-81-12-(trifl)porosethyl)phenyl]- (CA IRDEX NAME)

ANSWER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

864171-28-8 CAPLUS Usea, Nethyl-87-[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-3-yl)methyl]benyl]- (CA INDEX NUME)

BE4171-29-9 CAPLOS Urea, N-[4-[(2-ethy]-5,7-dimethy]-38-inidazo[4,5-b]pyridin-2-yl)methyl]phenyl]-8"-[(1K,28)-2-phenyloyolopropyl]-, rel- (CA IND

864171-30-2 CAPLUS Urea, olohenyl-R*-[4-[(2-ethyl-5,7-dimethyl-78-imidazo[4,5-b]pyridim-3-ylmethyl]phenyl) (CA INDEK NOME)

864171-31-3 CAPLUS Urea, N-[4-[(2-ethyl-5,7-dinethyl-3B-inidaro[4,5-b]pyridin-3-ylmethylphenyl]-87-(1-methylethyl)- (CA INDEX NAME)

16 AMEMER 8 OF 29 CAPLIES COPYRIGHT 2011 ACS on STR (Continue

38 864171-32-4 CAPLUS CR Utea, N. (4-)(2-ethyl-5, 7-dimethyl-3B-imidazo(4,5-b)pyridin-3 vllnethyll-bervil-8'-bezvi- (CA IMDEK NAME)

23 064171-33-5 CAPLUS CR Urea, N=[4-[42-ethyl-5,7-dinethyl-38-inidaze[4,5-b]pyridin-3-vilmethyl|benvl|-3"-[4-f]uccobenvl|- (CA INDEX NAME)

721 864271-34-6 CAPLUS CR Carbanic acid, [4-[2-ethyl-5,7-dimethyl-3E-inidaro[4,5-b]pyridin-3-yl]methyl]phethyl]phethyll-, nethyl exter (9CI) (CA INDEX NAME)

391 864171-35-7 CAPLUS CON CARBANIC acid, [4-[(2-ethyl-5,7-dimethyl-38-inidaze[4,5-b)pyzidim-3-yllmethyl]phenyl]-, ethyl ester (9CI) (CA INDEX NAME) LG AMBMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR | |Continued

NN 864171-36-8 CAPLUS CB Carbanic acid, [4-[(2-ethyl-5,7-dimethyl-38-inidazo[4,5-b)pyridin-3

PRI 064171-37-9 CAPLOS
CS Carbance acud, [4-[2-ethyl-5,7-dimethyl-38-anadaro[4,5-b]pyridin-3
vl)methyllobemyl-, basyl ester (SCI) (CA DREEN NAME)

EN 884171-38-0 CAPLES GN Carbanic acid, [4-[(2-ethyl-5,7-dimethyl-38-inidano[4,5-b]pyridin-3-yl)methyl]phenyl]-, 4-methylphenyl exter (PCI) (CA IMBER NOME)

NN 964171-39-1 CAPLUS CN 1-Sutamesulfonanide, N-[4-[(2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyridin-3-vl)methyl|phemyl]- (CA INDEX NAME)

16 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR (Continued)

90 864171-40-4 CAPLUS CN 2-Proparesulfonanide, N-[4-(2-ethyl-5,7-damethyl-3N-inidaso[4,5-b]pyxidin-

RN 864171-41-5 CARURS CN Benzenesulfonanide, N-[4-(12-ethyl-5,7-dimethyl-38-imidaze[4,5-b]pyxidim-3ylimethyl]phenyl]- (CA INDEX NAME)

22 864171-42-6 CAPUTS CN Beniznesulfonanide, N-[4-(12-ethyl-5,7-dimethyl-28-amidazo[4,5-b)pyxidim-3-yllnethyl)phenyl]-4-nethoxy- (CA INDEX NAME)

82 844171-43-7 CAPLUS 73 Benremanifonanida, 9-[4-([2-ethyl-5,7-dinethyl-3#-inidano[4,5-b]pyridin-3yl]methyl[phanyl]-4-fleoro- (CA INDEX NAME) 6 ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

IN 864171-44-8 CAPLUS
CN Bencenesulfosanide,
N-[4-[2-e4byl-5, 7-dimethyl-3M-inidazo[4,5-b]pyridin-3-yl]nethyl]phenyl]-3-(trifluorosethyl)- |CA INGER NUME)

PN 864171-45-9 CAPLUS CN 1-Raphthalenesulfomanide, N-[4-[(2-ethyl-5,7-dimethyl-3H-inidazo[4,5b)pyzidin-3-yl)methyl)phenyl]- (CA INDEX NAME)

NN 864171-46-0 CADAGO CO Benzene-sulfonande, N-[4-[(2-ethyl-5,7-damethyl-38-inadazo[4,5-b)pyzadam-3yl)methyl)phenyl)-3-mixo- (CA INDEX NAME)

BN 864171-47-1 CAPLUS CN Benzenezulfomanide, 2,5-dichloro-N-[4-[(2-ethyl-5,7-dimethyl-3H-imidso(4,5-b]pyrids=3-yl)methyl]phenyl] (CA IMEGE NUME)

23 864171-48-2 CAPADS
CN Demzenezulfonanide,
N-[4-[7-etbyl-3,7-dimetbyl-78-inidazo[4,5-b]pyxidin-J-yilmetbyl]phenyl-4-(trifluoromethoxy)- (CA THOUX NAME)

NN 864171-49-3 CATALS 1 - Maphitalenessifonanide, 5-(dimethylamino)-N-[4-[(2-ethyl-5,7-dimethyl-38-index]4,5-b]pyridim-3-yl]methyl]phenyl]- (CA INDEX NAME

DN 564171-50-6 CAPLUS
CN 2-Maphibalenesulfomanide, N-[4-[(2-sthyl-5, 7-dimethyl-3E-imidazo[4,5-b]pyrdim-3-yl[nesthyl]phenyl]- (CA INDEX NMME)

93 864171-51-7 CAPLUS CN Benzenesvifonanide, N-|4-((2-ethyl-5,7-dimethyl-78-inidazo|4,5-b)pyxidin-3-

L6 ANSMER 8 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

NN 864171-58-4 CAPLUS CN Bencementhanol, 4-|[4-|(2-ethyl-5,7-dimethyl-3B-imidazo[4,5-b]pyridin-3yllnethyl]phenyl]annol- (CA INDEX NAME)

222 564273-60-8 CAPAUS
CR0 Benzemanne, 4-[(2-ethyl-5,7-dimethyl-38-inidazo[4,5-b)]pyxidin-3-yllnethyl)-N-[4-[(4-methyl-1-pipera.aimyl)methyl)]phenyl]-,
[22)-2-butenedicate (1/2) (CA_TRUBE_NMMS)

CM 1 CM20 864171-59-5 CM2 C29 836 N6

CRN 110-17-8

Double bond geometry as shown.

102C \$ C02H

R3 864173-61-9 CAPUNS C3 4-Piperadisanse, N-[4-[(2-ethy)-5,7-damethy]-3H-amadazo[4,5-b]pyradan-2ylimethyljphomy]]-1-methyl- (CA INDEX NAME) L6 AMEMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued yl)methyl]phenyl)-2,4,6-timethyl- (CA IMDEX NUMB)

NN 864171-52-8 CAPLES
CR Rhammulforminde
N-[4-[(2-ethyl-5,7-dimethyl-30-inidaro[4,5-b]pyridim-3-yllmethyl]phomyl] (CA 100KX NOME)

EN 864171-53-9 CAPLUS CR Benrenesulfonanide, N-[4-](2-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyridim-3yl)nethyl]phenyl]-4-methyl- (CA IRBEN SAME)

RN 064171-54-0 CAPLUS
CN Benzenanine, 6-[(2-ethyl-5,7-dimethyl-3B-imidazo]4,5-b]pyridin-3yl)nethyl)-8-phonyl- (CA INDEX NAME)

EN 864171-55-1 CAPLUS CR Benzenanine, 3-[(2-ethyl-5, ?-dimethyl-3H-unidaro[4, 5-b]pyridin-3vl)nethyl]-8-phenyl- (CA IMEEX NAME)

6 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

NN 964171-62-0 CAPLUS
CN Bencenanine, N-cyclobexyl-4-[(2-ethyl-5, 7-dimethyl-38-imids no [4,5-b]pyridin-3-yllmethyl]- (CA INMEX NUME)

PSI B64171-66-4 CANLUS
CRI Benzenanine, 4-[12-ethyl-5, 3-dinethyl-38-inidazo[4,5-b)pyridin-3yllnethyl]-8-[1xans-4-[4-nethyl-1-piperaxinyl)nethyl]eyolohesyl]- (CA
JENEX NUME)

RN 844171-69-7 CAPLUS

GR Benzenanze, 6-1(2-ethy)-5,7-danethy)-38-amidazo[4,5-0]pyridin-3yl)nethyl)-38-[trans-4-(4-morpholary)methyl) oyolobexyl]- (CA INDEX NAME)

NN 864171-70-0 CAPLMS

CN Bearanaine, 4-[(2-ethy)-5,7-dimethyl-3H-inidazo[4,5-b]pyridin-3yl)nethyl-8-[trans-4-(1-pyrrolidinylmethyl)oyolohesyl]- (CA INDEX NOME)

Relative stereochemistry.

864171-73-3 CAEUS Benzenanne, 4-{(2-ethyl-5,7-dimethyl-3B-imidaze|4,5-b)pyridin-3-ylmethyl-8-[trans-4-(1-piperaznylmethyl)cyclobexyl]- (CA_INDEX_NUME)

064171-75-5 CAPLUS
4-Fiperadimenethanol, 1-[[trans-4-[[4-[[2-ethyl-5,7-dimethyl-38-midazo[4,5-b]pyridim-3-yl)methyl]phenyl]amino]cyclobaxyl]methyl]- (CA::REUX NAMI)

Relative stereochemistry.

SMAIL-08-8 CAPLUS 1-Syrcoladiseethannine, N-[[trans-4-[[4-[(2-ethyl-5,7-dinethyl-3B-inidaco[4,5-b]pyridin-3-ylloethyl]phoryl]anino]cyclobexyl]nethyl]-, ethanedioate [1:7] (CA NINEX NUME)

CRN 864171-77-7 CMF CTQ 844 N6

- L6 AMENER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)
- 864171-84-6 CAPLUS
 Bearemanize, N-[trans-4-[(4-methyl-1-paperatinyl)methyl]cyclobexyl]-4[(2,5,7-ximethyl-3E-inidazo[4,5-b]pyxadin-3-yl)methyl]- (CA INDEX NAME) Relative stereochemistry.

844171-85-7 CAPURS Cycloheanacearbowanide, Cycloheanacearbowanide, Cycloheanacearbowanide, Cid-norpholiny)1etyyl]-d-[[4-[4],5,7-trinethyl-3E-inidaco[4,5-b]pyridin-3-yl)nethyl]phanyl]anino]-, trans-UMEN

Relative stereochemistry.

- 864171-86-8 CAPUS
- Weal /1-99-9 CAPU/S Cyclobexanecarboxanide, N-[2-(1-pyxrolidiny1)ethy1]-4-[[4-[(2,5,7-trimethy1-3H-inidizo(4,5-b]pyxidin-3-yl)methy1]pheny1]anino]-, trans-
- INDEX NAME:

Relative stereochemistry.

ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

CRS 144-62-7 CMF C2 B2 O4

[38] 864171-80-2 CANDES S. H. Hopolises thananise, N-[[trans-d-[[d-[[2-ethyl-5,7-dinethyl-28-initidate]4,5-b]pyridin-3-yl]nethyl]phenyl]anino]cyclobexyl]nethyl]- (CA INOKA MOME)

NN 864171-82-4 CAPLUS CN Benzenanine, 4-[{2-ethyl-5,7-dimethyl-3H-imidaro[4,5-b]pyridin-3yl)methyl]-N-[trans-4-[[4-(4-morpholinyl)-1-piperidinyl]methyl]cyclohexyl)-(CA_IMDEX_NAME) Relative stereochemistry

ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

%-Morpholineethanamine, N-[[trans-4-[[4-[(2,5,7-trimethyl-38-inidazo[4,5-b]pyridim-3-yl)nethyl]phenyl]amino[cyclohexyl]methyl] (CA INDEX NOME) Relative stereochemistry.

Relative stereochemistry

864171-89-1 CAPLAS

Benzenanne, N-[trans-4-[[4-(4-morpholnsy1)-1-piperadinyl]nethyl]syolohesyl]-4-[[2,5,7-trimethyl-38-nnidazo[4,5-b]pyridin-3-yl]nethyl]- (CS_INDEX_BMME)

16 AMENIES 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR Relative storeochemistry.

864111-91-5 CAPLUS Methazone [trans-4-{[4-[(2-ethyl-7-methyl-7B-inidazo[4,5-b]pyridas-7-yl]methyl]phonyl]anizo]oyelobexyl)(4-methyl-1-plperarlayi)= (CA INDEX NUME)

NB 54171-72-6 CAFGE GO Cyclobeaneou/revanide, 4-[[4-(2-etyl-7-nethyl-39-inidaro[4,5-b)pyridin-3-91]nethyl)phyn)]anioo]-8-[2-(1-pyrrolldinyl)ethyl]-, trans-(CA INDEX

Relative stereochemistry.

86471-93-7 CAPLUS
4-Morpholimeethamanse,
trans-4-[[4-[(2-ethyl-7-methyl-38-inidaxo[4,5%]pyx(dun-3-yllmethyl)]bhenyl]anamo[gyolohenyl]methyl]- (CA INDEX NAME)

L6 AMBNER 8 OF 29 CAPLUS COPYRIGHT 2011 ACB on STH

884171-99-3 CAPLUS [1,4'-Spaperidin]-4-anime, N-[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-0)pyxidin-3-yllnethyl]phonyl]-1-methyl- (CA INDEX NAME)

864172-03-2 CAPLUS Ethanone, 2-(|4-(1/-ethyl-5,7-dinethyl-38-inidazo(4,5-b)pyxidin-2-vlinethyl[pheryl]anino|-1-pheryl- (CA INDEX NAME)

044172-04-3 CAPLOS [1,4"-Spipper disse]-4-pet hananine, N=(-{12-ethyl-3y,"-disselbyl-3H-innidate[4,5-b]pyridin-3-yl)methyl]phonyl]-1"-pethyl- (CA INDEX NOME)

L6 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR (Cont anued) Relative stereochemistry.

064171-95-9 CANLUS
Nethanome, [trains-4-[4-[4-(2,7-dimethyl-38-inidazo[4,5-b]pyridin-3-yl)methyl]phenyl]-mino]cyclobasyl](4-methyl-1-piperarmyl)- (CA INDEX SOMES)

064171-96-0 CAPLRS Cyclobeanearbossnide, 4-[[4-[(2,7-dinethyl-38-unidate(4,5-b)]pyradin-3-yl)nethyl]phenyl]enino]-N-[2-(1-pyrrolidinyl)ethyl]-, trans- (CA INDEX NOME)

864171-97-1 CAPLOS 6-Morpholineethamsmine, N-[[trans-4-[[4-[(2,7-dimethyl-38-imidaro[4,5-b]gyridin-3-yl)nethyl]phenyl]animo]oyolobexyl]methyl]- (CA INDEX NNE:

AMEMER 8 OF 29 CAPIUS COPYRIGST 2011 ACS on STM (Continued) 864172-05-4 CAMIUS Methanone, [4-[4-[(2-ethyl-5,7-dimethyl-3E-imidaro[4,5-b]pyridin-3-yl)methyl]phenyl]amino]-l-piperidinyl)-4-piperidinyl- (CA INDEX NAME)

864172-09-8 CAPLUS 8emzemanine, 4-[(2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyridin-3-yl)methyl)-N-[(4-(4-methyl-1-pipezazinyl)oyolohexyl]methyl]-, (25)-2-bustemedicate (1:2) (CA_INDEX_NOME)

CN 1 CR20 864172-08-7 CNF C29 842 N6

CN 2 CRN 110-17-8 CMF C4 R4 O4

Double bond geometry as shown.

воде В соди

864172-10-1 CAPLUS Cyclobeanone, 4-{|4-{(2-ethyl-5,7-dimethyl-3H-inidazo(4,5-b)pyridin-2-ylmethyl)phenyl|amino| (CA. IROEK NOME)

16 AMBMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STM (Contanued)

864172-11-2 CAPAUS Cyclobesarol, 4-[[[4-[(2-ethyl-5,?-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl]methyl]pbanyl]smimo[methyl]-, trans- (CA INDEX NAME)

N-[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-phenyl]tetrahydro- (CA INDEX NAME)

864172-13-4 CAPLUS 4-Fiperialisesetharanise, N-[4-[(2-ethyl-5,7-dinethyl-28-inidazo[4,5-b]pyxian-3-yl)nethyl]phenyl]-1-(tetrahydro-28-pyxan-6-yl)- (CA INDEX

864172-14-5 CAPLES ZE-Pyran-4-anine, N-[4-[(2-ethyl-5,7-dinsthyl-3B-inidaro[4,5-b]pyridin-3-yllnethyl]phesylltetrahydro- (CA INDEX NAME)

929 864172-15-6 CAPLUS

AMBMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR

8 84172-21-4 CAPCUS 9 Cyclobexanecarboxamide, -[4-[2]-2]-2-tunanyl-2-7,-cinnethyl-IB-inidazo[4,5-b[pyridia-1-yl]nethyl]phanyl]amino]-8-[2-[4-morph [CA IDENT EMME]

Relative stereochemistry

PAGE 2-A

864172-22-5 CAPL/8
Methanone, [trans-4-[|4-||2-(2-furany1)-5,7-dimethy1-28-amadazo|4,5-b]pyxidam-3-y1]methyl]phenyl]amano]oyolohexyl](4-methyl-1-piperazinyl)
(CA INDEX MOME)

ANSMER 8 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN (Continued) 4-Figeridinesethananine, N-[4-[(2-ethyl-5,7-dinethyl-38-inidato]4,5-blowradin-3-ylbesthylloberni-1-di-sethylethyll) (CA INDEX NAME)

864172-17-8 CAPLOS 4-Piperidismenthammine, 1-(tetrahydro-2B-pyran-4-y1)-N-(4-(12,5,7-trimethyl-1B-unidaro[4,5-b)pyridin-3-y1)methyl)phenyl)- (CA INDEX NAME)

864172-18-9 CAPLOS 4-Piperidinemethananine, 1-methyl-N-[4-[42,5,7-trimethyl-NE-imidazo[4,5-h]pyrxdm-7-yl)methyl]phenyl]- (CA INDEX NOME)

Other the Company of the Company of

d-Piperidinemethananine, 1-(1-methylethyl)-N-[4-[(2,5,7-trimethyl-38-imidazo(4,5-b)pyridin-3-yl)methyl]phenyl]- (CA INDEX NNE)

L6 ANSMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR Relative stereochemistry

| [1,4"-Bjpperidime]-4-methananine, | N=[4-[12-ethyl-7-methyl-3B-imidaro[4,5-b]pyridin-3-yl)methyl]phenyl]-1"-| methyl-(C. REDEX REME)

864172-32-7 CAPLUS

80417-22-7 CARLUS Muthanone, ax-4-[[4-[(5-chloro-2,7-dimethyl-3B-imidaro[4,5-b]pyridim-3-yl)methyl]phonyl]amino]cyclobexyl](4-methyl-1-piperarimyl)- (CA INDEX NOME)

Relative stereochemistry

ARRESTS S OF 29 CAPLUS COPYRIGHT 2011 ACS on STR (Continued)

564372-33-8 CARCS Cyclobexaneourboxamide, 4-[[4-[5-shloro-2,7-dinethyl-18-inidazo[4,5-b]pyxidin-3-y1)nethyl]phenyl]anino]-8-[2-[4-norpholinyl]ethyl]-, trans (CA INDEX MME)

Cyclobraneourboxanide, 4-[4-[5-chloro-2,7-dinethyl-3B-inidaro[4,5-b]pyxidin-3-yl)nethyl]phenyl]anino]-8-[2-[1-pyxrolidinyl)ethyl]-, trans-[CA RDEK NMM5)

Relative stereochemistry.

ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR CNN 144-62-7 CMF C2 82 O4

864172-43-0 CAPLUS Benzenanne, 4-[(2-ethyl-5,7-disethyl-3B-inidaro[4,5-b]pyridin-3-ylnethyl]-1-[ois-4-(1-pyrrolidinylnethyl)cyclobexyl]- (CA INDEX NUME)

864172-45-2 CAPLES Bentenance, %-10ias-4-(14-methyl=1-paperazinyl)methyl)cyclohesyl)-4-[12,5,7-4:niethyl=38-inidaro(4,5-b)byzidin=3-yl)methyl)- (CA_INDEX_RAME) Relative stereochemistry.

86472-46-3 CAPUS Cyelobexaneoxiboxanide, -(4-moxpholizylethyl)-4-[|4-[(2,5,7-tximethyl-28-inidato[4,5-b]yyxidim-3-yl)methyl]phenyllanano)-, ois- (Ch INDEX

Relative stereochemistry

16 AMEMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)

864172-36-1 CAPLUS Cyclobeas resarboxylic send, 6-[4-[4-ethyl-5,7-dimethyl-3H-imidszo]4,5-l)pyridin-3-yl)nethyl]phenyl]amino]-, ethyl seter, cir. (CA INDEX NAME)

864172-38-3 CAPAUS Democranine, 4-[(2-ethyl-5,7-dinethyl-3H-inidazo[4,5-b]pyridin-3-yl)nethyl]-8-[cir-4-[(4-nethyl-1-piperazinyl)nethyl]cyclobexyl)- (CA INDEX NAME)

Belative stereochemistry.

Relative stereochemistry.

864172-42-9 CAPLUS Benzenanine, 6-[12-ethyl-5,7-dinethyl-3H-imidaro[4,5-b]pyridin-3-ylnethyl]-8-[cis-4-(4-morpholinylmethyl)cyclobexyl]-, ethanedicate

(CA TRIDER NAME) CN 1

CMN 864172-41-8 CMF C28 H39 N5 O

ANSWER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continues)

(CA INDEX NAME)

CM 1

CER 864172-47-4 CMF C29 842 N6 O

CN 2

CRN 144-62-7 CMP C2 R2 O4

11

864172-49-6 CAPLUS
Mcthanoue, [4-(4-oxpholinyl)-1-piperidinyl][ois-4-[[4-[12,5,7-trinethyl-3b-inidaco(4,5-b)pyridin-3-yl)sethyl]phenyl]amino]cyclobenyl] (CA INDEX

16 ARRHER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR NAME:

 $\label{eq:continuous} \begin{array}{ll} \$64172-59-9 & CAPLUS\\ \texttt{Bestreaminor}\\ \texttt{in-4-}\{\{4^+(\texttt{excrpholiny1})-1-\texttt{piperidiny1}|\texttt{nethy1}\}\texttt{cyclobexy1}\}-\\ \texttt{4-}\{\{2,5,7-\texttt{trinethy1}-3B-\texttt{inidato}\{4,5-\texttt{a}\}\texttt{pyridin-3-y1})\texttt{nethy1}\}-\\ \texttt{SUMB} \end{array}$

Relative stereochemistry.

NN 864172-52-1 CAPLUS
Encreaning,
N-[cia-4-(4-morpholinylmethyl)cyclobexyl]-4-[(2,5,7-trimethyl-3E-inidano(4,5-b]pyradin-3-yl)methyl]- (CA INDEX NAME)

864172-54-3 CAPLUS
4-Piperudinemethano1, 1-[[cis-4-[[4-[(2,5,7-trinethyl-3B-inidaro]4,5-b]pyradm-3-yl)nethyl]phonyl]anıno[cyclobexyl]nethyl]- (CA INDEX NAME)

AMENER 8 OF 29 CAPLUS COPYRIGHT 2011 ACB on STR

864172-62-3 CAPLUS Bezzoic acid, 4=[4=[4=(2-ethyl-5,7-dimethyl=38-imidazo[4,5-b]pyridin=3-yl]methyl[phenyl]mazno]- (CA INDEX NAME)

ce4.1x-ex-0 CANUUS
Cyclobexanecaxiooxylic acid, 4-[[4-[(2,5,7-tximethyl-38-inidazo[4,5b]pyxidum-3-yl)methyl]phenyl]amino[-, cis- (CA INDEX NAME) Relative stereochemistry.

864172-71-4 CAPLUS Cyclobranecarboxylic scid, 4-[[4-[(2,3,7-trimethyl-38-imidaro[4,5-b]pyzidin-3-yl)methyl]phenyl]amimo]-, trans- (CA INDEC NUME) Relative stereochemistry.

864172-73-6 CAPLUS Cyclobaxamecarboxylic acid, 4-[[4-[2-ethyl-7-methyl-3H-inidazo[4,5-b]pyridm-7-yl|nethyl|phenyl|amino]-, trans- (CA IMDEX NAME)

L6 ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

Benzensnine, 4-[(2-ethyl-5,7-dimethyl-3H-imidszo]4,5-b]pyridin-3-yl]methyl]- [CA RROEX NAME)

864172-61-2 CAPLOS Benrenamine, 3-[(2-ethy1-5,7-dimethy1-3H-imidaro[4,5-b]pyridin-3-yl)methyl]- (CA INDEX NAME)

ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

IN 964172-74-7 CAPLUS
CR Cyclobexanecarboxylic acid,
4-[4-[12,7-disthyl-7M-inidaro[4,5-b]pyridin3-ylmethyl]phenyl]aniso[-, trans- (CA INDEX NUME)

804172-70-0 CMPUS Cyclobexanecarboxylic acid, 4-[|4-[|2-(2-furanyl)-5,7-dimethyl-3s-imidaro[4,5-b]pyridin-3-y1]methyl]phenyl]mnimo]-, trans- (CA INDEX NACE)

884172-76-9 CAPLOS Cyclobezanecurboxylic scid, 4-[[4-[(2-ethyl-5,7-dimethyl-3M-inidazo[4,5-b]pyxidir-7-yllmethyl]phenyl]amino]-, dis- (CA INDEX RVME) Relative stereochemistry.

MESMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR

course-req cannot Cyclobearsecarboxylic acid, 4-[[4-[(2-ethyl-5,7-disethyl-38-inidaze[4,5-b]pyradan-l-ylimethyl[phenyl]anano]-, trans- (CA INDEX NAME)

864172-78-1 CAPLUS 38-Inidazo[4,5-b]pyridine, 2-ethyl-7-methyl-3-[(4-mitrophenyl)methyl]-(CA INDEX NOME)

064172-79-2 CAPLUS Bearenamine, 6-[(2-ethyl-7-methyl-3E-inidaro[4,5-b]pyridin-3-yl)methyl]-ICA 18828 MME)

864172-80-5 CAPLUS 3E-Inidaro[4,5-b]pyridine, 2,5,7-trimethyl-3-[(4-nitrophenyl)methyl]-

AMBMER 8 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

1-methyl-N-[4-](2,5,7-trimethyl-38-imidszo[4,5-myl]- (CA INDEX NAME)

13 14(1)-14(-19)

Man 1992 (Propositio), NCT (Bestant), SEN (Synthetic preparation); PREP
[Preparation); DACT (Bestant or respent)
[preparation of mississ(1)-supplication series, as GDM (scoptor
for treatment of mottophilis inflamention)

6 44(1)-4(-4) (Synthetic or Synthetic o

Telerive stereochemistry

(2 CITINGS) THERE ARE 17 CITED REPERENCES AVAILABLE FOR TORMAT

ANSMER 0 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

964172-81-6 CARAS Semcomaine, 4-[42,5,7-trimethy1-38-inidate[4,5-b]pyridin-3-y1)methy1]-(CA REMX NUME)

064172-90-7 CMRUS 1-Piperidimearhoxylic acid, 4-[[4-[[4-[2-ethy1-5,7-dimethy1-3R-imidaco[4,5-b]pyridim-3-y])methyl]phenyl]animo]-l-piperidimyl]carbonyl]-, 1,1-dimethylethyl ester (CA RUBEN NAME)

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Includes a consideration of the statement INVENTOR (S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT:

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SIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT THER BOUNCE(5): NUMBERT 142:2802:10

AMSMER 9 OF 29 CAPLUS COPYRIGHT 2011 ACS on STR (Contanued)

Title compds: I [R1 = [R4]n; R2 = [R4"]p; R3 = L-Y; R4, R4" = halo, OH, CN, etc.; L = CH2, CH2CH2, O, etc.; Y = heterocycle; n, p = 0-4] and

phanosetically acoptable sails was prepared for easily, of 4 (Eucondiscenses and Institutes III, 24, prepared from 6 deptempts), liberarchical sails in 3-rays, afforded satisfactoristic acoptable sails of the property of t

es; (preparation of aninobenzimidazoles as TIE-2 and Raf kinase

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 treatment of tunors)
647214-90-6 CAPAUS
18-Deminidaco[-2-anine, 7-bross-N-[4-(38-inidaco[4,5-b])pyridin-3ylmethyllphenyl)-5-(Exifluerosethyl)- (CA_REDEX_NAME)

847234-91-7 CAPLUS 1B-Benzinidarol-2-anine, 7-chloro-8-[4-(3B-inidaro[4,5-b)pyridin-3-yinethyl)phenyl)-5-(trifluoromethyl)- (CA INDEX SAME)

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PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COM PATENT INFORMATION:

PATENT NO. KIND DATE | NAME | Col. | Size | Sept. | TR 2001001548 RR 9916919 BU 2001004549 BU 2001004549 BU 769890 TM 577889 MX 2001005574 TA 2001005493 US 657274 US 20010174396 US 4890874 PRIORITY REPLEM, 1970. AU 2000-14141 TM 1999-121089 MC 2001-5374 ZA 2001-5493 US 2001-856172 US 2003-360806 19991201 A 19981204 JP 1998-367540 JP 1999-259283 a 19990809 W 19991201 MO 1999-JP6748 08 2001-856172 A3 20010912

ANSMER 9 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN [Continued]

OS.CITING MEY COUNT: REFERENCE COUNTY

THERE ARE 2 CAPLUS RECORDS THAT CITE THIS

(2 CITINGS)
THERE ARE 3 CITED REPERINCES AVAILABLE FOR THIS
RECORD, ALL CITATIONS AVAILABLE IN THE RE

ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

AB Tatle sulfonanades []; X = Cl, ; X2 = CM3; X3 = 7-CM3; X3 = 4-CE3C684, [E) < (4-ppring):thylene, (CM2):MCOM25, 4-CE3C68000584, 4-BOCC684, C-BOCC684, C-

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12 2011-9-0-19 1011-0-1-19 2011-0-19

FL: ECT (Reactant); SPN (Synthetic preparation); PREP (Preparation); FAP (Reactant or reagent) (preparation of sulforanides as medicines)

38-Inidaro[4,5-b]pyridine-5-carboxylic acid, 3-[(2-chloro-4-nitrophenyl)methyl]-2-methyl-, methyl ester (CA INDEX

322 219765-01-2 CARLUS 38-Indato(4,5-b)pyridize-5-carboaylic acid, 3-(14-anizo-2-chloropherylimethyl)-2-methyl-, methyl ester (CA INDEX

L6 ANSMER 10 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN (Continued) 3=[[2-chloro-4-[(cyclobexylmethyl)methylamino]phenyl]methyl-2-methyl-(CA INDEX NAME)

925 275383-09-0 CAPLUS CN 38-Inidazo[4,5-b]pyridine-5-carboxylic acid,

3-[(2-chloro-4-[(1,1-dimethylethoxy)caxboryl]ethylamino)phenyl]methyl)-2methyl-, methyl estex (CA INDEX NAME)

NO 275383-11-4 CAPLUS CN 38-Inidazo(4,5-b)pyridine-5-carboxylic acid,

3-[(2-chloro-4-(((1,1-dimethylethoxy)carbonyl]ethylamino)phenyl]mothyl)-2nethyl- (CA INDEX NAME)

32 275383-12-5 CAFLUS 38-Inidaro(4,5-b)pyridine-5-carboxylic acid, 3-[[2-chloro-4-[[[1,2-dinethylatboxyloarboxyl]methylamino]phenyl]methyl]-2,7-dinethyl-, nethyl actor (CA JEMEE NEW) LG ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

HM 213767-92-7 CANLES 39-Invakso[6], 5-bjpyridine-5-carbonylic acid, 3-[13-chloro-4-(nethylpestylamino)phenyl]methyl]-2-methyl-, methyl ester rel inpur sami.

38 219767-93-8 CAPLUE CB 3B-Indates[4,5-b]pyrtdize-5-carboxylic acid, 3-[2-chloro-4-(nethylpentylanino)phenyl]nethyl]-2-methyluser).

380 275392-65-5 CAPUMS CM 3H-Inidato(4,5-b)pyridine-5-carboxylic acid, 3-[[2-chloro-4-[(cyclobaxylmsthyl)msthylamino]phenyl]msthyl]-2-msthyl-msthyl aster (CA INECK NUMC).

RM 275202-66-6 CAPLUS CM 3B-Inidazo[4,5-b]pyridine-5-carboxylic acid,

L6 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

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388 275353-13-6 CANAUS CHARLEST STANDARD CONTROL AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS ANALYSIS A

$$\underset{Bo_2C}{\overset{\text{Me}}{\longrightarrow}} \underset{N}{\overset{\text{Me}}{\longrightarrow}} \underset{N^-C=CBu-t}{\overset{\text{Me}}{\longrightarrow}}$$

38 275383-14-7 CAPLUS 3 3B-Instancié, 3-bipyridine-3-carboxylic acid, 3-[[2-chloro-4-[[1],]-dimethylethoxy) carboxyljethylanino]phenyl]methyl)-2,7-dimethyl-, methyl ester [CO. ZMECK SUMA.

NN 275383-15-8 CAPLUS
CN 3N-Instance(4,5-b)pyridine-5-carboxylic acid,
5-[12-ohloro-6-[1],1-dimethylethoxy)carboxyl]ethylanimo]phenyl]nethyl)2,7-dimethyl- [CA INDEX NAME)

20 275383-24-2 CAPRUS CS 3B-Thodaro[4,5-b]pyradine-5-carboxylic acid, 3-{12,4-dichloro-5-nitrophenyl)methyl)-2-methyl-, methyl ester (CA INDIANAMA)

2N 275383-25-0 CAPLUS CN 3E-Initian(4,5-b)pyridine-5-carboxylic acid, 3-[12,4-dichloro-5-ntrophenyl)methyl)-2-methyl- (CA INDEX NAME)

383 275393-26-1. CAPLUS 23 38-Inidato(4,5-b)pyxidine-5-carboxylic acid, -(15-amino-2,4-dichlorophenyl)methyl)-2-methyl-, methyl exter (CA INDEX NAME (CA INDEX)

333 275383-27-2 CAPS-78
CR 38-inidazo(4,5-b)pyridine-5-carboxylic acid,
3-(12,4-dioloco-5-idinethylanino)phonyljnethyl)-2-methyl-, methyl ester

- 16 AMBMER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)
- 331 275383-31-6 CAPLUS 38-initario(4,5-b)pyridine-5-carboxylic acid, 3-[2-chloro-6-[(erboxycarboxyl)anino]phenyl]methyl]-2-methyl, methyl seter (CA INLEX NAMO)

302 275393-32-9 CAPUS 38-Indace(4, 5-b)pyridine-5-carboxylic acid, 3-([2-chioro-4-](chioxycarboxyl)amino)phenyl)methyl)-2-methyl- (CA INDE

30 279392-33-0 CAPLOS
03 38-Inidato(4,5-0)pyradine-5-earboxylic acid,
3-([2-chloro-4-[(1-oxopentyl)anino)phenyl)methyl)-2-methyl-, methyl
cater
c

RM 27:383-44-1 CMPUS CN 31-Inidazol4, 5-b]pyridine-5-carboxylic acid, 3-([2-chloro-4-[(1-oxopentyl)anino]phenyl]nethyl]-2-methyl- (CA INDEX L6 AMEMER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued) (CA INDEX NAME)

EN 275383-28-3 CAPLUS CB 38-Inidaco(4,5-b)pyridine-5-carboxylic acid, 3-[1,4-dichloro-5-(dimethylanino)phenyl]methyl]-2-methyl- (CA INDEX

30 275383-25-4 CAPLUS CS 3B-Induc(4,5-b)pytidine-5-carboxylic acid, 3-[4-[bas[1,1-dimethylsthoxy)carboxyl]amino]-2-chlorophenyl]nethyl]-2nethyl-, nethyl actor (CA TRUCK NOME)

38. 275353-30-7 CARLOS 38-Indiano[4,5-b)pyridine-5-carboxylic acid, 3-[2-chloro-4-[[1,1,-dinethylethoxy] carbonyl]amino]phenyl]methyl]-2methol. (Pt. 1000y Name).

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LG ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

381 275393-35-2 CAPALUS 38-Indiano[4,5-b]pyridire-5-carboxylic acid, 3-[4-[(butylawifonyt)anizo]-2-chlorophenyl]methyl]-2-methyl-, methyl exter (CA INDEX SMME)

$$\underset{N_0 \circ \cdots }{\underbrace{\hspace{1cm} N_0}} \underset{N_0 \circ \cdots }{\underbrace{\hspace{1cm} N_0 \circ \cdots }} \underset{N_0 \circ \cdots }{\underbrace{$$

RN 275383-36-3 CAPLUS
CN 3N-Instanci(, 5-b)pyridine-5-carboxylic acid,
3-[14-[butyl=ulfcoyl)amino]-2-chlorophenyl]methyl]-2-nethyl- (CA INDEX

38 29593-37-4 CAPLUS
28 38-Instance (4,5-b)gyradine-5-carboxylic acid,
3-[2-choro-4-[13,3-dimetbyl-1-corbotyl)anino]phenyl]nethyl]-2-methyl-methyl exter (CA INGEX NOME)

NN 27595-41-9 CATAGO CEL Carbanic scid, [4-[(3-brono-2-pethyl-3N-inidazo[4,5-b]pyridin-3-yl]methyl]-3-chlorophenyl]-, l,l-dimethylethyl ester (SCI) (CA INDEX NAME

AMENER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN

275382-48-7 CAPCUS 3R-Thidato(4,5-b)pyxidine-5-carboxylic acid, 3-([2-chloro-4-[(ethoxycarbonyl)nethylanino]phenyl]nethyl)-2-nethyl-, nethyl sator (CA INDEX NOME)

275383-50-1 CAPLUS 32-Inidazo (4,5-b)pyridine-5-carboxylic acid, 3-([2-chior-4-[(ethoxycarboxyl)nethylanino]phenyl]nethyl)-2-nethyl- (CA

$$\underset{\mathsf{MeO}-}{\underset{\mathsf{N}}{\bigcap}} \underset{\mathsf{N}}{\overset{\mathsf{N}}{\bigcap}} \underset{\mathsf{N}-\mathsf{CH}_2}{\overset{\mathsf{N}}{\bigcap}} \underset{\mathsf{Cl}}{\overset{\mathsf{N}}{\bigcap}} \underset{\mathsf{N}\mathsf{H}-\mathsf{C}-\mathsf{N}\mathsf{RP}\mathsf{r}-\mathsf{h}}{\overset{\mathsf{N}}{\bigcap}}$$

L6 ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

$$\underset{\mathsf{MeC}^-}{\underset{\mathsf{I}}{\bigcap}} \underset{\mathsf{N}}{\overset{\mathsf{N}_{\mathsf{S}}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{I}}}{\underset{\mathsf{C}}{\bigcap}} \underset{\mathsf{C}_{\mathsf{S}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{S}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{S}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{S}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}_{\mathsf{C}}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}_{\mathsf{C}}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}_{\mathsf{C}}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}_{\mathsf{C}}}{\bigcap}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}}{\underset{\mathsf{C}}} = \underset{\mathsf{C}}} = \underset{\mathsf{C}_{\mathsf{C}}} = \underset{\mathsf{C}}$$
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275393-47-2 CANAUS
30-Indaced(4,5-b)pyriddine-5-carboxylic acid,
3-[14-anino-2-chlorophenyl)nethyl)-2-methyl, methyl exter, hydrochlorids
[122] (CA MREEN NAME)

275395-44-7 CAPASS 38-Inidated (4.5b)pyridine-5-carbonylic acid, 3-[[2-chloro-4-[[1]-sethyletboxy)carbonyl]amino]phenyl]methyl-2-methyl-methyl-sets (CA 1986E 1986)

AMEMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued) 275393-54-5 CAPLUS 38-Inidazo[4,5-b]pyridine-5-carboxylic acud, 3-[2-chloro-4-[[[propylamino]carboxyl]amino]phenyl]methyl]-2-meth INDEX NUMB)

cross-se-7 CAFL/88
CR 38-Inidace(4,5-b)pyridize-5-carboxylic acid,
3-[4-4]-[4-brench-1-oxobstyl)amino]-2-chlorophenyl]methyl]-2-methylmethyl
exter (CA INDEX NOME)

275383-62-5 CAPLUS
38-Inidato[4,5-b]pyridize-5-carboxylic acid,
35-[2-chloro-4-[[(2-chloro-thoxy)carbonyl]amizo]phanyl]methyl-2-methyl-methyl-acter (CA INDEX MWE)

38-Inidaro[4,5-b]pyridine-5-carboxylic acid, 3-[2-chloro-4-[2-hydroxyethyl)amino]phenyl]methyl]-2-methyl-, methyl

MM 275384-35-5 CARLUS CN 3E-Inidaro(4,5-b)pyridine-5-carboxylic acid,

3-[(2-chloro-4-()(1,1-dimethylethoxy)carbonyl]methylamino]phonyl]methyl]-2 methyl- (CA INDEX NAME)

FER 275384-36-6 CAPLES CN 3E-Inidaro[4,5-b]pyridine-1-carboxylic acid,

3-[[2-chloro-4-[][(1,1-dimethylethoxy)carbony1]methylamino]pheny1]methyl]-2methyl-, methyl ester (CA INDEX NAME)

22 275384-37-7 CAPANS CN 3M-Inidaro(4,5-b)pyridine-1-carboxylic acid, 3-(12-chicro-4-insthylanino)phanyl[msthyl]-2-methyl-, methyl exter, hydrochloride (1:2) (CA 1806X NAME)

L6 ANSMER 10 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN (Continued

320 17:364-57-1 CAPLOS 3E-Indiaco(4,-1-b)pridime-1-carboxylic acid, 3-[(2-chloro-6-[methyl][phenylmethoxy)carbonyl]animo]phenyl]methyl]-2methyl-, methyl enter [CA. INDEX NAME.]

300 275384-58-2 CARGUS CONTRACTOR (A) Physician - 3-carboxylic acid, 3-[(2-chloro-4-[nethyl](phenylnethoxy)carboxyl]anino]phenyl]nethyl]-2nethyl- [CA. NIGEX NIMES.

1T 275380-81-9P 275380-89-7P 275381-23-2: 275381-24-3P 275381-31-2P 275381-33-9-0: 275381-99-0P 275381-95-8P 275381-93-0:

RL: RCT [Reactant); SPN [Synthetic proparation); THU [Thorapoutic use); BIOL (Riological study); PREP (Preparation); RACT (Reactant or reagent) USES [Uses]

202 275360-81-9 CAPLUS CRI Carbanic acid, [4-[5-[[(brtylaulforyl)/anino]carbonyl]-2-methyl-3inidaro[4,5-b]pyridin-3-yl[methyl]-3-chlorophenyl]methyl-, L6 ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

2 HC1

288 275384-41-7 CARLES 38:Instance(4,5-b)pyridize-5-carboxylle acid, 3-[[2-chloro-4-[(eyclobaxylmethyl)][1],-1 disethylethoxylcarboxyllarino)phyrullmethyl]-2-methyl-, methyl ester (CA

NN 27536-42-4 CAPLUS 38-inidato(4,5-9)pyridize-5-carboxylic acid, 3-[[2-chloro-6-[(cyclobexylmethyl)anizo]phenyl]methyl]-2-methyl-, methyl seter (CA INDEX MAME)

RN 275384-56-0 CAPLOS CR Carbanic acid, [4-[5-brono-2-methyl-78-inidazo[4,5-b]pyridin-3-yl)methyl]-3-chlorophenyl]methyl-, ethyl ester (SCI) (CA INDEX NOME)

L6 ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

IN 275380-89-7 CAPLUS
CN 3B-Inidazo[4,5-b]pyridine-5-carboxanide,
3-[2-chloro-4-(nethylanino)phenyl]nethyl)-2-methyl-R-[(4-methylphenyl)suffonyl)- (CA INDEX NOME)

381 275381-23-2 CAPL/8 CR Cathomic acid. [3-chloro-4-[[2-methyl-5-[[[4-methyl-pril):sulfowy]]amino] cathonyl]-38-inidato[4,5-b]pyridin-3-yllmethyl]phonyl]ethyl-, i,1-dimethylethyl sate (9CI) [CA INDEX NAME)

NN 275391-24-3 CAPLUS

275301-31-2 CAPLES CAPLES CAPLES (A CAPLES C

273381-33-4 CARCOS 3M-Inidato(4,5-b)pyridine-5-carboxanide, 3-{[2-chlore-4-[netbylanino]phenyl]netbyl]-2,7-dinethyl-N-[(4-netbylphenyl)swlfonyl)- (CA. INDEX NAME)

27538Q-87-5P	275380-88-62	275380-90-0P
275380-91-1P	275380-92-29	275380-93-3P
275380-24-4P	275380-95-59	275380-96-6P
275380-97-79	275381-10-7P	275381-12-9P
275302-22-0P	275383-26-5P	275301-27-6P
275381-29-8P	275381-35-6P	275381-37-8P
275381-39-QP	275381-50-59	275381-52-7P
275381-54-97	275381-56-1P	275381-58-3P
275383-60-7P	275381-61-80	275381-63-0P
275381-65-2P	275383-67-49	275381-69-6P
275382-71-0P	275381-73-29	275381-75-4P
275382-77-6P	275382-79-89	275381-81-2P
275382-83-4P	275382-85-6P	275381-87-8P
275383-91-4P	275381-93-6P	275391-99-2P

- No. 275380-84-2 CAPLUS CN 3E-Inidaco(4,5-b)pyridine-5-carboxanido,
- N-(butylsulfonyl)-3-[(2-chloro-4-(ethylmethylamino)phenyl]methyl]-2-methyl-(CA INDEX NAME)

L6 ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

275383-89-9 CAPLUS Carbanic acid, [4-[15-[(Butyleulfony])amino]carbonyl]-2-methyl-3H-inidaco(4,5-b)pyradis-3-yl]methyl]-3-chlorophenyl]-, 1,1-dimethylethyl ester (SCI) (CA INDEX NAME)

275381-95-8 CAPLOS
Carbanic scid, |3-chloro-4-[{2-methyl-5-[{[1E]-1-pentsylinifonyl]amimo|carbonyl]-3E-inidsro[4,5-b]pyridin-3-yl]methyl]phenyl]-, 1,1-dimethylethyl enter (SCI) (CA REDEX NAME) Double bond geometry as shown.

$$n-PT = \begin{bmatrix} 1 & & & & \\$$

- RN 275381-97-0 CAPLUS CN 3B-Inidazo[4,5-b]pyridine-5-carboxamide,
- 3-[(4-anino-2-chlorophenyl)nethyl]-2-methyl-N-[(1E)-1-penten-1-ylsulfonyl)-(CA_TEDEX_NAME) Double bond geometry as shown
- L6 ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

275380-86-4 CAPLUS
3H-Indexo[4,5-b]pyridine-5-carboxamide,
N-(butylsulfonyl)-3-[[2-chloro-4-(methylpropylamino)phenyl]methyl]-2-methyl- (CA IMEME NUME)

- EN 275380-87-5 CAPLUS CN 3E-Inidazo[4,5-b]pyridine-5-carboxanide,
- 3-|[4-(butylmethylamino)-2-chlorophenyl]methyl]-N-(butylmulfonyl)-2-methyl-(CA INDEX NMG)

275380-88-6 CAPLUS
Cartanic acid, [3-chloro-4-[[2-methyl-5-[][4-methyl-5-]]]
methylphenylymifonylyminojcarbonyl]-3H-midato[4,5-b]pyridin-3yl]methyl]phenyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

NN 275380-940 CMURIS CN TM-Initiano(4,5-b)pyridine-5-carboxanide, 3-[12-chloro-4-[dinethylanino)phenyl]methyl]-2-methyl-N-[14

NN 27339G-91-1 CAPLUS 38-Indazo(4,5-b) pyridine-5-carboxanide, 3-[[2-chloro-4-(ethylnethylamino) phenyl]nethyl]-2-nethyl-N-[(4 acthological identity | Pr. 1999, NAP).

IN 275380-92-2 CAPLUS
CM 3B-Inidazo[4,5-b]pyridine-5-carbozanide,
3-[2-chloro-4-[nethylpropylanino]phenyl[nethyl]-2-nethyl-B-[(4-nethylphenyl)rethopyl]- (CAPUX NUME)

HN 275380-93-3 CAPLOS CN 30-Inidazo[4,5-b]pyridine-5-carbonanide, 3-[14-[butylnethylanino]-2-chlorophesyl]nethyl]-2-methyl-N-[14methylphenyl)sulfcoyl]- (CA INDEX NAME)

16 ANSWER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued

32 273380-94-4 CAPL/95
C3 38-Tmidaco(4,5-b)pyridize-5-carboxanide,
3-(2-cabloco-4-(methy)pentylamino)phanyl]methyl]-2-methyl-N[pentylsulfosyl)- (CA 7005K NAME)

30 27.580-90-9 CAPLUS 38-Initaro[4,5-b]pyridino-5-carboxamido, 3-[12-chloro-4-[cyclohexylmethyl]methylamino]phenyl]methyl]-2-methyl-ipentylamifonyl- (CA INDEX NME)

38 275380-96-6 CAPURS Cl 38-Inidaro(4,5-b)pyradine-5-carbosanide, 3-([2-chloro-4-](cyclobscy/methyl)amano[phemyl]methyl]-2-methyl-B L6 ANSWER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

NN 275380-97-7 CAPLUS
CM 3M-Inidaro(4,5-b)pyridine-5-carboxanide,
3-[[2-chloro-6-(ethylmethylamino)phenyl]methyl]-2,7-dinethyl-N-[[4-methylphenyl]welfonyl] - [CA INDEX BOME)

RE 275381-10-7 CARLUS CB 3H-Indiane (4,5-b)pyridine-5-carboxanide, 3-[[2-chloro-4-[(2,2-dimethyl-1-exopropyl)methylamino]phenyl]methyl]-;

IN 275381-12-9 CAPLUS
CM Carbanic acid,
[3-chloro-4-[2-sethyl-5-[[pentylsulfonyl)anino]carbonyl]3W-inakaof-(4-5-bloradan-5-yllnethyllsbanylinethyl-, ethyl exter (PCI)

275381-26-5 CAPLES 38-Inidazo[4,5-6)pyridine-5-carboxanide, 3-[2-chicro-4-(diethylanino)phenyl)nethyl]-2-nethyl-N-[(4-nethylphenyl)sulfonyl]- (CA. NMEX. NMEX.

ARREAT 10 OF 29 CAPLUS COFFRIGHT 2011 ACS on STM (Continue 275381-37-8 CAPLUS CARBAIN 2014, 31-chloro-4-[2,7-dimethyl-5-[[(penylsulfonyl)anino]carbonyl)-38-inidazo[4,5-b]gyridin-3-yl]methylphopylsubyl-1, 1,0-dimethylsubyl actor (SCI) (CA INDO

275381=39=0 CANAUS
Carbanic acid, [3-chloro-4-[2,7-dimethyl-5-[][4-methylphenyl)sulfonyl]amino]carbonyl]-3H-inidazo[4,5-b]pyzidin-3-yl]methyl[phenyl]ethyl-, l,l-dimethylethyl aster [9CI] (CA. NEXE

ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

275381-29-8 CAFLUS Carbance acid, | 3-chloro-4-[[2,7-dinethyl-5-[[(pentylexifonyl)amino)carbonyl]-38-inidazo[4,5-h]pyridin-3-yl]methyl]phenyl]methyl-, 1,1-dinethylethyl exter (NCI) (CA IN

$$M_{0} = \{C_{12}\}_{4} = \begin{bmatrix} M_{0} & M_{0} & M_{0} \\ M_{1} & C_{12} & M_{0} \end{bmatrix}$$

275381=35-6 CAPLUS
3H-Indiazo[4,5-b]pyridine-5-carboxanide,
3-[2-chloro-4-(neth)propylanino)pheny1]methyl)-2,7-dinethyl-N-[(4-methylpheny1)wifony1)- (CA IRREN NAME)

ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

275381-52-7 CAPLUS
3H-Inidazo[4,5-b]pyridine-5-carboxanide,
3-[2,4-dichloro-5-mitrophenyl)msthyl)-2-methyl-N-[(4-methylphenyl)mslfonyl)- (CA INDEX NAME)

275381-54-1 CAPLUS
3H-Inidato[4,5-b)pyridine-5-carboxanide,
3-[2,4-dishloro-5-(dimethylamino)phenyl]methyl]-2-methyl-N-[(4-methylabenyl)sulfoxyl]- (CA_RREN_RREN_)

275391-59-3 CAPLUS

1989;46-7 CALCES CATANIC solt CATANIC solt Schidatot-4-[[]=methyl-3-[[]pentylsniforey]]amino[cathonyl]-25-indatot(4-to)pyradin-3-y]]methyl]phanylmethyl-, 1,1-dimethylethyl stre, oddom fall [61] (CA 18826-1886)

275381-61-8 CAPLUS Carbanic acid, -0.loc-4-[[gentyl-5-[[gentylsulfonyl)anino]carbonyl]-136-inidano[4,5-0]pyradin-3-yl]nethyl]phenyl]nethyl-, propyl ester [9CI] [CA [REEX MANS]

273381-49-4 CARCUS 3%-Indiazo[4,5-b]pgridine-3-carboxanide, 3-[12-chloro-4-[13-coopenty1)asino]phenyl]nethyl]-2-methyl-N-[(4-methyl-phenyl)asifonyl]- (CA THUKE NOME)

275381-71-0 CAPUS
3E-Inidaro[4,5-b]pyridine-5-carboxamide,
3-(14-(bbtylaulfonyl)amino]-2-chlorophenyl]methyl]-2-methyl-N-[(4-methylbaufonyl)amino]-3-chlorophenyl]methyll-N-[(4-methylbaufonyl)aulfonyl]-(CA_INDE_INME_)

L6 AMSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

$$\underset{\mathsf{Mo-(CH2)4}}{\underset{\mathsf{E-NE-C}}{\overset{\mathsf{Ne}}{\longrightarrow}}} \underset{\mathsf{N}}{\overset{\mathsf{Ne}}{\longrightarrow}} \underset{\mathsf{N}}{\overset{\mathsf{Ne}}{\longrightarrow}} \underset{\mathsf{C1}}{\overset{\mathsf{Ne}}{\longrightarrow}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}{\longrightarrow}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}{\longrightarrow}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}} \underset{\mathsf{C}}{\overset{\mathsf{Ne}}} \underset{\mathsf{C}} \underset{\mathsf{C}}} \underset{\mathsf{C}} \underset{\mathsf{C}}} \underset{\mathsf{C}} \underset{\mathsf{C}} \underset{\mathsf{C}} \underset{\mathsf{C}} \underset{\mathsf{C}}} \underset{$$

275381-63-0 CAPLOS Carbanic soid, -bloro-6-[[2-enthyl-5-[[pentylgulfosyl)anino]carbonyl]-3H-madazo[4,5-b]pyridin-3-yl]methyl]phesyl]methyl-, 1-nethylethyl exte-(ert). Co. ymery Hause.

IN 275381-65-2 CAPLUS
CN Carbanic acid,
[3-chioro-4-[2-methyl-5-[[[pentylsulfcmyl]anino]carbonyl]38-inidaco[4,5-b]pyridin-3-yl]methyl]phenyl]-, 1,1-dimethylethyl ester
[SCI] CA IMERE NUMB.

IN 275381-67-4 CAPLUS
CN Carbanic scid,
[3-chloro-6-([-enethyl-5-[[(pentyleslfonyl)anino]carbonyl]3H-inidato[4,5-b]pyridin-3-yl]nethyl]phenyl]-, ethyl ester (9Cl) (CA
IDEX NOWL)

AMEMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STM (Continued)
3-[2-chloro-4-[4,3-dimethyl=1-conductyl]amimo[phenyl]methyl]=2-methyl=N[(4-methyl)phenyl)smi(Fonyl)- (CA IRDEX NAME)

275301-75-4 CAPLOS

Carbanic acid, [3-chloro-4-[(2-methyl-5-[([|12]-1-pethyl]-10]-1]-pethyllpholfoy]]amino[carbomyl]-38-inidate[4,5-b]pyridum-2-yl]methyl]phonyl]-, l-methylethyl ester [90]) (CA INDEX NAME)

273381-77-6 CMPUUT CATREMER GROOM, [4-[15-[[(betylawlfomyl)amimo]carbomyl]-2-eethyl-28-imidsio[4,5-b]pyridsim-3-yl]methyl]-3-chlorophenyl]-, 1-methylethyl ester [931] (CA BIRDEX NBMG)

275391-79-8 CAPLUS
Carbanic acid, [3-chloro-4-[[2-methyl-5-[[[3E]-1-pestenylsulfonyl]anino]carbonyl]-30-inidaco[4,5-b]pyridin-3-yl]methyl]phenyl]methyl-, ethyl ester [SCI] (CA IMDEX NAME)

$$p-p_{Z} = \bigcup_{i=1}^{R} \bigcup_{j=1}^{N} \bigcup_{i=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{i=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1}^{N} \bigcup_{j=1$$

275381-01-2 CAPLUS

Carbanic acud. [4-[5-[[(brtylzulforyl)amino]carbonyl)-2-methyl-3Hinidaio[4,5-b]pyridin-3-yl]methyl)-3-chlorophenyl]methyl-, ethyl ester
[8C1] (CA. REMEN MME).

DB 275381-81-4 CAPLUS CB 3F-Inidato(4, 5-b)pyridine-5-carboxanide, 2-(4-anixo-2-chlorophenyl)nethyl)-2-methyl-8-(pentylsulfonyl)-INBEX NOME)

PR 275381-85-6 CAPCUS
CR Carbanic acid,
[3-chioro-f-[2-methy]-5-[[pentylsulfonyl)anino]carbonyl]R8-inidato[4,5-b]pyxidin-j-yl]methyl]phenyl]-, propyl ester (SCI) (CA
RDEK NMC)

- ADEMEA 10 OF 29 CAPLUS COFFRIGRT 2011 ACS on STN [Cont 275381-39-2 CAPLUS CAPAULS CAPA

Double bond geometry as shown.

275382-01-9 CAPLUS
Carbante acid, [3-chloro-4-|[2-methyl-5-|][(IE)-1pentenglaulfonyl]amino]oarbonyl]-3W-inidaso[4,5-b]pyridin-3yl]methyl]phenyl]nethyl-, 1,1-dimethylethyl ester (SCI) (CA IMBER NAME)

321 275382-03-1 CAPLUS CN 3E-Inidaro (4,5-b) pyridine-5-carboxemide,

3-[[2-chloro-4-(||fpropylamino|carbony1]amino]pheny1]methy1]-2-methy1-N-(4-met)y1pheny1)sulfony1]- (CA INDEX NAME)

L6 AMSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

PR 275381-87-8 CAPLES

CR Carbanus acid,
[3-chloro-4-[[2-methyl-5-[][pentylsulfomyl)amino]carbonyl]38-unidano[4,5-b]pyridin-3-yl]methyl]phemyl]-, 1-methylethyl exter (9CI)

$$\mathsf{No} = (\mathsf{CN}_2)_4 = \bigcup_{n=1}^{N} \underbrace{\mathsf{No}}_{N} = \underbrace{\mathsf{No}}_{n} = \underbrace{\mathsf{No}}_{n} = \underbrace{\mathsf{No}}_{n} = \underbrace{\mathsf{Co}}_{2} = \mathsf{L}$$

275381-91-4 CARLES 38-Inidazo[4,5-b]pyridire-5-carbozanide, 3-[44-anino-2-chlorophemyl)methyl]-N-(butylsulfonyl)-2-methyl- (CA INDE

$$\underset{N-B=-2-NB-}{\overset{\bullet}{\bigcap}} \underset{0}{\overset{\bullet}{\bigcap}} \underset{N}{\overset{\bullet}{\bigcap}} \underset{N-CH_{2}}{\overset{\bullet}{\bigcap}} \underset{C1}{\overset{\bullet}{\bigcap}} \underset{N}{\overset{\bullet}{\bigcap}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\bigcap}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{\bullet}{\longrightarrow}} \underset{N}{\overset{N}{\overset{N}{\overset{N}}{\overset{N}}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}}} \underset{N}{\overset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}{\overset{N}}{\overset{N}} \underset{N}$$

273381-93-6 CARLUS Carbanta acid, [4-1][[butylsulfory1]anino]carbony1]-2-methy1-3H-inidaro[4,5-b]pyridin-3-y1]methy1]-3-chloropheny1]-, ethy1 erter (PCI) (CA INGER 1986)

$$\underset{n-Bu-1}{\overset{\bullet}{\bigcap}}=\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}=\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}=\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}=\underset{\mathbb{R}^{H}}{\overset{\bullet}{\bigcap}}$$

ANSMER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN 275382-05-3 CAPLUS 38-Inidazo[4,5-b]pyridine-5-carboxanide,

3-||2-chloro-4-[nethyl](propylamino)carbonyl]amino]phenyl]methyl]-2-methyl-N-[(4-methylphenyl)sulfonyl)- (CA INGEN NOME)

RN 275382-09-7 CAPLUS CN Carbanic acid, |(4-methylphenyl)sulfonyl)-,

2-||3-chloro-4-||2-nethyl-5-|||(4-methylphenyl)sulfonyl]anino|carbonyl]-SE-inidaro[4,5-b]pyridin-3-yl]methyl]phenyl]anino|ethyl ester (9CI) (CA HERE HOME)

PAGE 1-A

NN 275382-62-2 CAPAUS CN Carbanic acid, []-chloro-4-[[2-nethyl-5-[[pentylsulfonyl]amino]carbonyl]-28-inidaro[4,3-b]pyridin-3-yl]nethyl]phenyl]nethyl-, phenylnethyl ester [90] [CA NEWE MOST

$$\mathsf{N}\mathsf{a} = (\mathsf{CB}_2)_4 = \bigcap_{i=1}^{N} \mathsf{DSC}_{i} = \bigcap_{i=1}^{N} \mathsf{N}\mathsf{a} = \mathsf{CB}_2 = \bigcap_{i=1}^{N} \mathsf{DSC}_{i} = \bigcap_{i=1}^{N}$$

OS.CITING MEF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS

(5 CITINGS)
THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNTY

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219760-08-4P	219760-19-79	219761-34-9P
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ogical study, unclassified); SVN (Synthetic preparation); TEU (Therapeutic use); EUO, [Biological study); PREP [Preparation); USES (Uses) [Preparation of heterocyclic modely-containing sulforantide compds. as

219 75-71-4 CARCS 38-Inidaze(4,5-b) pyridine-5-earboxanide, 3-[4-(butylamine)-2-chlorophenyl]methyl]-2-methyl-N-(phenylsulfonyl)-

219799-72-5 CAPLUS 78-Inidazo(4,5-b)pyridine-5-carboxanide,

3-[(2-chloro-4-(dimethylamino)phenyl]methyl]-2-methyl-N-(phenylsulfonyl)-(CA INDEX NAME)

PLUS COFFEIGHT 2011 ACS on STN 1999:34900 CAFLUS 130:125067 L6 ANSMER 11 OF 29 ACCESSION NUMBER:

Confidence of Market Confidenc PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NEW, COUNT: PATENT INFORMATION:

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ORMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT R SOURCE(S): MARPAT 1150.125067 The compute RISOCHECONNES [RI represents alkyl, alkenyl, alkynyl, etc.; A represents an optionally substituted polyheterocyclic group

US 2002-47093 A3 20020117

AMBMER 11 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

219759-73-6 CARUES
3M-Indian (4,5-b)pyridine-5-carboxanide,
5-[4-[acerylaniso]-2-chlorophenyl]nethyl]-2-methyl-N-(phenylruifonyl)(CA_INDEX_BMD)

219/99-74-7 CAPLUS 38-Indiano(4,5-b)pyridine-5-carboxanide, 3-[2-chloro-4-[(nethylruffonyl)anino]phenyl]methyl]-2-methyl-N-[phenylruffonyl)- (CARREN RAME)

EN 219760-04-0 CAPLUS

- L6 MREMEN 11 OF 29 CAPLAS COFFRIGET 2011 ACS on STN (Continued)
 CB 38-Inidato(4,5-b)pyridine-5-carbosanide,
 3-(12-ch)oro-4-nitrophery)1-a,7-dimethyl-8-(phenylsulfonyl)- (CA
- 393 219760-06-2 CAPRUS
 CN 38-Inidaro[4,5-b]pyridine-5-carboxamide,
 3-(12-chloro-4-nitrophenyl)methyl]-2,7-dimethyl-N-[14-methylphenyl)aulfomyl]- (CA INDEX MARE)
- 22 19 100-0-1 CADDOS
 28 Inidazo[4,5-b]pyridine-5-carboxanide,
 3-{(2-chloro-4-nitrophenyl)nethyl]-2,7-dimethyl-8-{[(1E)-2-phenylethenyl)nulfonyl]- (CA INDEX NAME)

Touble bond mometry as shows

- RN 219760-08-4 CAPLES CN 38-Inidato [4,5-6] pyridine-5-carboxanide, 3-[12-chloro-4-nitrophenyl) methyl)-N-[[138)-2-[4-
- 16 ANSWER 11 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)
- 331 219761-25-0 CAPLUS SS-Inidaro(4,5-b)pyridine-5-carboxamide, 3-(14-(benroylanino)-2-chlorophenyl)methyl)-2-methyl-N-[(4-methylphenyl)milfonyl)- (CA-NUDEK NUMEX)

- NN 219761-36-1 CAPLUS
 CN 38-Inidaro[4,5-b]pyridize-5-carboxanide,
 3-(14-(benioylhethylamizo)-2-chlorophenyl)methyl)-2-methyl-N-[4methylphemyl)mifosyl]- (CA_INUXX_NAMX)
- 321 219 %1-41-6 CARCOS CO 38-Inidato(4, 5-b)pyridine-5-carbosanide, 3-[[2-ohloro-6-[enthyl:1]-oxobutyl)anino[phenyl]methyl]-2-methyl-8-[(4-methyl)phenyl)selfonyl]- (CA IMMES MARE)

L6 MRMMER 11 OF 29 CAPLUS COFFRIGHT 2011 MCS on STH (Continued) ethemylphemyl)ethemyl]sulfonyl]-2,7-dimethyl- (CA INDEX NAME)
Double bond geometry as shown.

- NB 219760-19-7 CAPLES

 3B-Indiano(4,5-b)pyridine-5-carboxanide,
 3-[(4-amno-2-chlorophenyl)methyl]-2-methyl-B-(phenylsulfonyl)- (CA
 NREX
- 780 219761-34-9 CAPLOS CN 3B-Inidaro[4,5-b]pyridine-5-carboxanide, 3-[[2-chloro-4-[1]-coobutyl)anino]phenyl]nethyl]-2-methyl-8-[(4-methyl)phenyl)aulfoxyl]- (CA INBEX NAME)

L6 ANSMER 11 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

381 219761-42-9 CAPLUS CN 3H-Imidato[4,5-b]pyxidine-5-carboxamide, 3-[2-chloro-4-(pentylamino)phenyl]methyl]-2-methyl-H-[(4-methylphenyl)methoyl]- (CN INDEX NUME)

RH 239761-43-0 CAPLUS 3B-Indato(4,5-b)pyridine-5-carboxanide, 3-[(2-chloro-4-(nethylpentylanino)phenyl)nethyl)-2-methyl-bl-((4-methylphenyl)spilonyl)- (CA INDEX INMS) NN 219763-44-1 CAPAUS
CN NN-Initiato(4,5-b)pyradine-5-carbonanide,
3-(12-chloro-4-[(phenylmulfonyl)anino]phenyl]methyl]-2-methyl-N-[(4-methylbhenyllmulfonyl)- (CA 1800X NAMO)

NN 219761-47-4 CAPLUS CN 38-Inidazo(4,5-b)pyridine-5-carboxanide,

2-[(2-chloro-4-[[(phenylamino)carbonyl]amino]phenyl]methyl]-2-methyl-N-[(4-methylphenyl)amifonyl]- (CA INDEX NAME)

7 219785-00-19 219785-91-27 219785-02-39 219

Els EC (Desciant); SFN (Synthetic preparation); FREP (Preparation); EACT [Bastant or respent) (preparation of beterocyclic molety-containing sulfomanide compds. as hypoglycenics)

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88 239765-01-2 CAPLUS 39-Inidazo[4,5-b]pyridine-5-carboxylic acid, 3-[4-anine-2-chlorophenyl)schyl)-2-sethyl-, sethyl ester (CA INDEX

16 ANSWER 11 OF 29 CAPLUS COPPRIGHT 2011 ACS on STN (Continued

NN 219765-02-3 CAPLUS CN NN-Instato[4,5-b]pyridire-5-carboxylic acid, 1-[2-chloro-4-](phenylnethyl)anino]phenyl]nethyl]-2-nethyl-, methyl exter

32 23 76970470 CANDO
33 -101daro(4,5-b)pyridine-5-carboxylic acid,
3-([2-chloro-4-[(phenylmethyl)amino]phenyl]methyl)-2-methyl- (CA INDI
NAM)

xx x1x*65-05-6 CARCOS
03 38-Inidado(4,5-0)pyridine-5-carboxylio acid,
3-[(4-(butylanino)-2-chlorophenyl)methyl)-2-methyl-, methyl estex (Chlorophenyl)methyl-xxxxx

R1 219765-06-7 CAPUS C1 38-instate(4.5-b)pyridine-5-carbonylic acid, 3-(14-chutylanno-2-chlorophenyl)methyl)-2-methyl- (CA INDEX NAME) 16 ANSMER 11 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued

38 219765-07-8 CAPLUS CB 38-Inidate(4,5-b)pyridine-5-earboxylic acid, 3-[[2-chloro-4-(dimethylamino)phenyl]methyl]-2-methyl-, methyl szter (CA NEMN NOM)

$$\underset{\mathsf{Me}\,\mathsf{C}^-}{\mathsf{C}^-}\underset{\mathsf{N}}{\overset{\mathsf{M}}{\longrightarrow}}\underset{\mathsf{N}^-}{\overset{\mathsf{Me}\,\mathsf{C}}{\longrightarrow}}\underset{\mathsf{C}\mathsf{B}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{B}}{\overset{\mathsf{Me}\,\mathsf{C}}{\longrightarrow}}\underset{\mathsf{C}\mathsf{B}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{C}\mathsf{D}}{\mathsf{D}^-}\underset{\mathsf{D}$$

RN 219765-08-9 CAPLUS
CN 38-Instaro[4,5-b]pyridine-5-carboxylic acid,
3-[[2-chloro-4-(dimethylanino)phenyl]nethyl]-2-methyl- (CA INDEX NAME)

NN 219765-09-0 CAPAUS
CN 3N-Indexe(4,5-b)pyridine-5-carboxylic acid,
-[14-(acetylanno)-2-chlorophenyl]methyl)-2-methyl-, methyl ester (CN property acetylanno)-2-chlorophenyl[methyl]-2-methyl-, methyl ester (CN property acetylanno)-2-chloroph

EM 219765-10-3 CAPLUS
CM 3M-Insidazo[4,5-b]pyridine-3-carboxylic acid,
3-[14-(acetylaniso)-2-chlorophenyl]methyl]-2-methyl- (CA INDEX NUME)

16 AMSMER 11 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continue

JR 219'05-11-4 CMPANS 38-Inidaze(4,5-b)pyridine-5-carboxylic acid, 5-[[2-chloro-4-1(nethylselfoxyl)amino]phenyl]nethyl]-2-nethyl-, nethylerica (CA 1902) MANS.

38 219765-12-5 CAPLUE 38-Initiator[4,5-0]pyridine-5-carboxylic acid, 3-[2-chloro-4-[(nethylanlfonyl)anino]phenyl]nethyl]-2-nethyl- (CA INDEX NAVE).

NN 219765-13-6 CAPLUS CN 38-Inidaco(4,5-b)pyxidine-5-earboxylic acid, 3-(12-chloro-4-ntirophenyl)methyl)-2-methyl- (CA INDEK NAME)

CN 38-Inidazo(4,5-b)pyridine-5-carboaylic acid, 3-(12-chloro-4-nitrophenyl)nethyl)-2,7-dinethyl-, methyl ester (CA INDE) NAME)

16 MRMER 11 of 29 CAPLUS COTFICIENT 2011 ACS on STN (Continued) SS-Inidiate(4,5-b)pyridin-25-carboxylic acid, 3-{[2-chloro-4-[(1-oxobutyl)anino]phenyl]nethyl]-2-nethyl- (CA INDEX MART)

CD 38-Inidazo(4,5-b)pyridine-5-carboxylic acid, 3-([4-(benroylamino)-2-chlorophenyl)methyl)-2-methyl- (CA INDEX NAME

323 23767-86-9 CARADS
CR 38-Initiation(4:5-b)pyxidine-5-caxboxylic acid,
3-([4-(benzoylnehylanino)-2-chlorophenyl]methyl]-2-methyl-, methyl
estex
(CA INDEX NAME)

20 % -4:-0 CAPLIS

38 -1:idazo(4.5-b)pyridire-5-carbonylic acid,
3-([4-(benzoyinethylamino)-2-chlorophenyl]methyl]-2-methyl- (CA INDE

16 ANNARE 11 OF 29 CAPLES CONTRIDET 2011 ACS on STM (Continue

288 219766-83-3 CAPARS
CB 38-Inidato[4,5-b]pyridine-5-carboxyllc acid,
1-1(2-chloro-4-nitrophenyl)nethyl)-2,7-dinethyl- (CA INDEX NAME)

38 219 %7-82-5 CAPAUS CB 3B-Insidato[4,5-b]pyridine-5-carboxylic acid, 3-[[2-chloro-4-[(1-cockentyl)anno]phenyl]methyl]-2-methyl-, methyl exter

$$\mathsf{Nac} = \left\{ \begin{array}{c} \mathsf{N} \\ \mathsf{N} \\ \mathsf{II} \end{array} \right. \subset \mathsf{R}_2 = \left\{ \begin{array}{c} \mathsf{II} \\ \mathsf{III} \\ \mathsf{C} \end{array} \right. \subset \mathsf{P}_{X} - \mathsf{n}$$

NR 219767-82-6 CAPLUS 33-Inidaro[4,5-b]pyridize-5-carboxylic acid, 35-[4-(bearcolanizo)-2-chlorophenyl]methyl]-2-methyl-, methyl ester (CJ yrmyr NMH)

$$\underset{\mathsf{NeC-CPh}}{\mathsf{NeC-NeCPh}}$$

NN 219767-84-7 CAPLUS

6 ANSWER 11 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

282 219767-88-1 CAPLES 338-Indiano[4,5-b]pyridine-5-carboxylic acid, 3-[[2-chloro-4-[nethyl](1-oxobutyl)anino]phenyl]nethyl]-2-methyl-, methyl seter (CA INDEX SUMG)

$$\begin{picture}(20,0) \put(0,0){\line(1,0){100}} \put(0,0){\line(1,0){100$$

NN 219767-89-2 CAPAUS
CN 38-Inidano[4,5-b]pyridine-5-carboxylic acid,
3-[12-chloro-4-[sethyll1-oxobntyl]anino[phenyl]nethyl]-2-nethyl(CA

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388 219767-90-5 CAPLUS CB SB-Indacro(4, 5-b)pyrudane-5-carboxylac acud, 3-[[2-chloro-4-(pentylamino)phenyl]methyl]-2-methyl-, methyl exter (C property name.

EN 219767-91-6 CAPLUS

MEMER 11 OF 29 CAPLUS COFFRIGHT 2011 MCS on STN (Continued) 38-Indiazo(4,5-b)pyridire-5-earboxylic acid, 3-[12-chloro-4-(pearlylarino)pharm|lmethyl-2-methyl- (CA INDEX NAME)

213'NT-92-T CARUS JB-Indiano(4,5-b)pyridine-5-carboxylic acid, J-[[2-chloro-4-(nethylpantylamino)phenyl]methyl]-2-methyl-, methyl exter

219767-93-8 CAPLUS 3R-Inidato(4,5-b)pyridine-5-carboxylic acid, 7-(12-chico-4-(methylpentylanino)phenyl)nethyl)-2-nethyl- (CA INDE

229'87-94-9 CAPUN NE-Initato(4,5-b)pyridine-5-carboxylic acid, 3-[[2-chloro-6-[phenylirulfonyl)anino]phenyl]nethyl]-2-methyl-, methyl agrar (12 THYNY NAM)

12 AMERA 1 OF 29 CAPLUS CUPYLIGHT 2011 ACS on STH
ACCLASION BROKEN 1291-12234
DOUBLES WARREST 1291-12234
TOURISM WHITEMENT NO. 1 1292-12234
TITLES Process for producing
TITLES 2-learboxyphenyl-4-quinolisecarboxylic acid

DOMESTON (S):

"" stooggabery) -- (-qinolliseanthouy) is asid

Those, Techhikey Eder, Hayler, Jahles, Hessichi;
Maksens, Wolffeld, Maks, One (Gaster, Tahaka,
Technolliseant, One (Gaster, Tahaka)
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Technolliseanthous
Techn PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: FATENT INFOSMATION:

PATERT NO. DATE APPLICATION NO. US 5780634 JP 06016641 JP 06016659 U8 5479832 JP 06080664 JP 2641696 19980714 19940125 19940125 19951226 19940322 19970820 19941027 JP 08119941 JP 08119942 US 5465881 PRIORITY APPIN. INTO.: JP 1992-176188 134 1993-55873 A2 19930504 JP 1994-264122 A 19941027 US 1995-541965 A2 19951010

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LEUS DISPLAY FORMAT

16 MMSMER 11 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

219767-95-0 CAPLUS 38-Imidazo[4,5-b]pyridine-5-carboxylic scid, 3-[[2-chloro-4-[[phenylsulfoxyl]amino]phenyl]methyl]-2-methyl- (CA INDEX

219'48-50-0 CAPUM: 38-Indato(4,5-b)pyridine-5-carbonylic acid, 3-[[2-chloro-4-[[ipbenylanino]carbonyl]amino]phenyl]nethyl]-2-nethyl-, nethyl ester (CA REDER SWE)

219768-01-1 CAPLUS
3B-Inidazo(4,5-b)pyridize-5-carboxylic acid,
3-[2-chior-4-[([phenylanizo)carboxyl]anizo]phenyl]methyl)-2-methyl-

OR CITING REP COURTS THERE ARE 13 CAPLUS RECORDS THAT CITE THIS REFERENCE COURT. SECORD (34 CITINGS)

31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR RECORD. ALL CITATIONS AVAILABLE IN THE RE

AMEMER 12 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN 3H-Inidazo(4,5-b)pyridize, ethyl-5,7-dimethyl-3-[(4-mitrophenyl)methyl]-(CA IDDEX NAME)

137421-61-5 CAPLUS Benzenanine, 4-[(2-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyridin-3-vlnethyl)- (CA RUEX NAME)

146555-58-0 CAPLUS 3H-Thidazo[4,5-b]pyxidine, 2-butyl-3-[(4-nitrophenyl)nethyl]- (CA INDEX NAME)

OS.CITING MEF COUNT: THERE ARE 5 CAPLUS RECORDS THAT CITE THIS

(6 CITINGS)
THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNTY

ORIGINAL REFERENCE NO. :

125.59267

155.1121/a,12026

Promas for producing (quinolin-2-yl)benroic acids

Macg, Bhushoog, 1to, Tomokoy Gwarow, Takashij

Asahi Glaza Company Ltd., Japany The Green Croaz

Corporation

Dow Tut. Acgl., 16 pp.

Patent. DATENT ROSTONERSON :

DOCUMENT TYPE:

DOCUMENT TIPE: LANGUAGE: FAMILY ACC: NUM. CO PATENT INFORMATION: PATERT NO DATE

KIND NA...

Al 19960501 ED 1995-1100...

B1 19990929 FL 100, EE 100...

DX. EE, FR, CB, 171, LT, LD, EE A 1995-1100...

A 19960514 UP 1994-264121

A 19960514 UP 1994-264121

TJ 19991201 EE 1996-1101...

TJ 19991201 EE 1996-1101...

AL 12000514 UP 1996-264121 EF 703977 EF 709977 R: EE, CE, D JF 00119942 JF 00119942 ES 2116702 FRIORITY APPLN. IMPO.: A 19941027

CASREACT 125:58340; NARPAT 125:58340 OTHER SOURCE(S):

The title mompds. [I; R1-R9 = H, halo, alkyl, mycloalkyl, etc.], useful intermediates of angiotensin II antagonists which are effective for treating hypertension, were prepared by decarboxylating a 2-carboxyphenyl-4-quinolineoxiboxylao acid II with, e.g., compentiated

22004 is
quincilize at 300°,
quincilize at 300°,
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LE ANSMER 14 OF 29 CAPLUS COPTRIGHT 2011 ACE on STN ACCESSION NUMBER: 1995:657621 CAPLUS TOCHNETN NAMERS: 123:5576 CRIGINAL REFERENCE NO.: 123:10063a,10066a

123:55878 123:10063a,10066a Preparation of N-phenyl-4-(heterosyslylnet) and (heterosyslylnethyl)dibenz[b,f]arepine

Mori, Shinichiro, Nakajo, Iwao, Ogasa, Takehiro Kasai, Masaji, Tomioka, Shinji, Ooshima, Etsuo,

Frmihiko; Krmazawa, Toshiaki Kyowa Bakko Kogyo Ke, Japan Jpm. Koka: Tokkyo Koho, 17 pp. CODER: JUDIAN Patent Japanese

PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: FATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. JP 07061983 PRIORITY APPIN. INFO.: 19950307 JP 1993-210419 JP 1993-210419

OTHER SOURCE(S): CASREACT 123:55070; MARRAT 123:55070

. STRUCTURE DIAGRAM TOO LARGE FOR DISDLAY - AVAILABLE WIN OFFLINE DRINE .

The title energia: $(1, V + B_1)$ (CR210F) below in = 1-3; $y + y_0 = 0$, 0.28, or 0

Depresentation of quaternary ammonium salts I [R = N+RIR2R], QJ; Rl = alkyl, allyl, CG2Ph; Ri, Rl = alkyl, oyoloalkyl; Y = halo, alkonyunifonylony, arylonyunifonylony, alkylsulfonylony, arylanifonylony; M = R, alkyl; Rh;

asplaymiler/map, Allyminier/map, asplanier/map, asplanier/map, w = 0, 13/1, 70 and 10 and 10

Q4) and IMF and the resulting mixture was stirred at 40° for 8 h to give 45.9% a title compound II (V = B, E = Q5) which was converted into

ANSMER 13 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

146555-58-0 CAFLES 38-Inidazo[4,5-b]pyridine, 2-bstyl-3-[(4-nitrophenyl)methyl]- (CA INDEX

Henremanine, 4-[(2-butyl-38-inidazo[4,5-b]pyxidin-3-yl)methyl]- (CA

OS.CITING REF COUNT: THERE ARE 1 CAPLUS RECORDS THAT CITE THIS (1 CITINGS)

164520-43-6 CARLUS
1M-Tetracole-5-methanamine, N-[4-[(2-ethyl-5,7-dimethyl-3N-imidaro]4,5-b)pyxidim-3-yl)methyl]phenyl]-N-phenyl-1-(triphenylmethyl)- (CA INDEX MMMY)

104527-45-09 EL: SDM (Synthetic preparation); FREP (Preparation) (preparation of M-phemyl-p-(heteroryclylmethyl)aniline and (baterocyclylmethyl)dihentarepine derive, as angiotenzin II receptor antaconists)

antagonists)
164520-43-8 CAPLES
28-Tetracole-5-methananne, N-[4-[(2-ethyl-5,7-dimethyl-3H-inidazo[4,5-b)pyrxdim-3-yl)methyl)phenyl-M-phenyl- (CA INDEX NAME)

ARSMER 14 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

ANSWER 15 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued) condensed with 5,7-dimethyl=2-ethylimidaso[4,5-b]pyridime and the deprotected product etherified by 2-Mec684CHBrCO2Me to give, after

protected product starling by -Decorations come to give, star use use of the star to give a star use use of the star to give a star use of the star to give a star to give

cological
study, unclassified); SPM [Synthetic preparation); TBU [Therapeutic use);
STCL [Shological study); FRED [Preparation]; USES [Usea)
[preparation of [(inidatopyridinosethyl)phenoxy]phenylacetates and
logs

ogs
as embothelin receptor antagomists)
137420-34-9 (CAMUNE)
Bestreneacetic acid, a=[[4-[(2-cthyl-5,7-dinethyl-38-inidazo[4,5b]pyridin-3-y2]nethyl]phomy2](1-methylcthyl)animo]- (CA INDEX NAME)

137420-35-0 CAPLUS
ZE-Terrarole-5-methananime, N-[4-](2-ethyl-5,7-dimethyl-3E-imidaro[4,5-0]pyxida:3-yllmethyl]phonyl]-N-methyl-4-phonyl- (CA INDEX NAME)

138359-17-8 CAPLUS
Benzeszetiz acid, e=[[4-[(2-ethyl-5,7-dimethyl-3M-inidaro[4,5-b)pyridin-3-y2)nethyl]phenyl](1-methylpropyl)amino]- (CA INDEX NUME)

L6 AMERICA 15 OF 29 CAPLUS COFFEIGHT 2011 ACS on STM ACCESSION NUMBER: 1995;578696 CAPLUS DOUNDERT NUMBER: 122:314549 ORIGINAL REFERENCE NO.: 122:57205a,57208a

Preparation of [Ismadatopyridinomethyl]phenoxy]phenylacetater and analogs are endothelin receptor antagonists Dhanco, Baljit S., Fitch, Kenneth J., Weber, Baniel F.; Walleh, Themas F.; Williams, David L., Jr. Merch and Co., Jmc., USA. BCat. UN Fatz. Appl., 198 pp. CODDRI BAXCO. INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: P.
LANGUAGE: E:
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATERT NO. KIND DATE APPLICATION NO. DATE GB 2276383 US 5374638 PRIORITY APPLE, INFO.:

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LIGHS DISPLAY FORMAT OTHER SOURCE(8): MARKET 122:314549

Title compds. [1] E = bond, 900-2 [CEI] $\theta - 5$, O; B = COIH, $\theta - 5$, $\theta - 5$

ANSWER 15 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-14-2 CAPLUS Benzenacetic acid, a=[[4-[[2-ethyl-5,7-dimethyl-38-xmxdazo[4,5-b]pyxidin-3-yl)nethyl]phenyl]anino]- (CA INDEX NAME)

151954-15-3 CAPLOS Beneroración acid, e-[[4-[[2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b)pyridin-3-yl)nethyl]phenyl]nethylanimo] (CA INDEX NAME)

151954-16-4 CAFLUS
Benzenacetic acid, a=[ethyl]4-[(2-ethyl-5,7-dimethyl-3H-imidazo]4,5-bjpyzdim-7-yljnethyl]phonyl]aniso]- (CA IMEDIX NAME)

151954-17-5 CARLOS Benzeneacetic acid, w-||4-||(2-ethyl-5,7-dimethyl-38-imidazo|4,5-

MEMER 15 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN (Continued) b]pyridin-3-yllmethyl]phemyl]-2-propen-1-ylamino]- (CA INDEX NAME)

151254-18-6 CAPLUS Benzenaceisc acid, w-[[4-[[2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyridim-3-yl]methyl]phonyl]propylamino]- (CA INDEX NAME)

151954-20-0 CAPLUS Bezzezestős acid, w-[[4-[[2-ethyl-5,7-dinethyl-38-inidaro[4,5-b]pyxidan-3-y]]nethyl[phenyl][2-nethylpropyl]anino]- [CA INDEX NAME]

151954-22-2 CAPLUS Bearezeacetic acid, w=[(cyclopropylnethy1)|4-[(2-ethy1-5,7-dinethy1-3E-inidaro[4,5-b]pyridin-3-y1)nethy1]pheny1]anino]- (CA INDEX SMMC)

AMBMER 15 OF 29 CAPLUS COPTRIGHT 2011 MCS on STN (Continued) Carbanic acid, [4-[(2-etbyl-5,7-dimetbyl-38-inidaze(4,5-b)pyridim-3-yllnethylphenylmethyl-, 1,1-dimetbylethyl sater (SCI) (CA INDEX MAME)

137421-64-8 CAPLPS Benzenamine, 4-[(2-ethyl-5, 7-dimethyl-38-inidazo[4,5-b]pyridin-3-ylmethyl]-N-methyl- (CA INDEX NAME)

137421-65-9 CAPLUS Benzeneaestus asid, $\alpha = \lceil (4-\lceil (2-\text{ethyl-5},7-\text{dimethyl-38-inidazo} \mid 4,5-\text{blypyddim-3-yllnethyl]phenyl]methylamino]-, methyl estex (CA INDEX NAME)$

137421-66-0 CAPLUS
Carbanic acid, cthyl[4-](2-ethyl-5,7-direthyl-3H-inidazo[4,5-b]pyridir-3ylmethylphenyl]-, 1,1-direthylethyl exter (SCI) (CA INDEX NAME)

ANSMER 15 OF 29 137421-60-4P 137421-63-7P 137421-66-0P 137421-69-3P 137421-72-8P 137421-75-1P 7 2011 ACS on STN 137421-62-6P 137421-65-9P 137421-68-2P

137421-78-19 13 MALI-To-as accessors
13936-52-39
REF RET (Resetant) 889 (Bynthetic preparation); FREF (Preparation); NGCT
(Resetant or respent)
[preparation of [(unidazopyridizomethyl)phenoxy)phenylacetates and

amalogs as endothelin receptor antagonists) ER 17421-00-4 CAPLOS CR 3B-Indiaco(4,5-bpyridine, 2-ethyl-5,7-dimethyl-1-[(4-nitrophenyl)methyl]-(CA IRDEX NMEA)

137421-61-5 CAPLUS Benzensine, 4-[(2-ethyl-5,7-dimethyl-3E-inidazo[4,5-b]pyridin-3-yl)methyl] (CA INDEX NAME)

137421-62-6 CAPLUS Carbanic acid, [4-](2-ethyl-5,7-dimethyl-3B-inidaro[4,5-b]pyridin-3-yl)methyl]phenyl]-, 1,1-dimethylethyl exter (SCI) (CA INDEX NAME)

HN 137421-63-7 CAPLUS

ANSWER 15 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

137421-67-1 CAPLUS Bencenanne, N-ethy1-4-[(2-ethy1-5,7-dimethy1-38-imidazo[4,5-b]pyridin-3-ylmethy1-] (CA INDEX NAME)

137421-68-2 CAPLOS Benzeneacetio acid, a=[ethyl[4-[(2-ethyl-5,7-dimethyl-38-imidazo]4,5-b]pyxidn-3-yl)nethyl]phenyl]amino]-, methyl ester [CA INDEX NAME]

137421-69-3 CAFLUS Carbanac acid, [4-[(2-ethyl-5,?-dimethyl-5E-inidazo[4,5-b)pyridin-3-yl)methyl]phenyl]propyl-, l,l-dimethylethyl exter (9CI) (CA IMDEX NAME)

ASSMER 15 OF 29 CAPLUS COPTRIGST 2011 ACS on STN

137421-70-6 CAPSUS Benzenanze, 6-(12-ethyl-5,7-dimethyl-38-imidaro(4,5-b)pyridim-3-yllmethyl-38-propyl- (CA INDEX NAME)

137421-71-7 CAPLOS Beatzmacetic acid, =-[[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b)pyxidax-3-yl)nethyl]phenyl]propylanino]-, methyl ester (CA IRDEK NAME)

137421-72-8 CAPLUS Benrezeacetic adid, a-[[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyxidin-3-yl)methyl]phenyl]anino]-, methyl ester (CA INDEX NUME)

NN 137421-73-9 CAPLUS

AMSNER 15 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

137421-77-3 CAPLUS Benzeneacetonitrile, a=[[4-[(2-ethyl-5,7-dimethyl-3E-inidazo[4,5-b]pyxidm-7-y1)methyl]phonyl]methylanino]- (CA INDEX NAME)

151954-52-8 CARLUS Beareneacetic acid, ==[[4-[[2-ethyl-5,7-dinethyl-28-inidaze[4,5-0]pyr(din-3-yl)eethyl]phenyl]-2-propen-1-ylamino]-, eethyl ester (CA HODEX NAME)

OS.CITING REF COUNT:

THERE ARE 3 CAPLUS RECORDS THAT CITE THIS

MEMBER 15 OF 29 CAPLUS COPTRIGHT 2011 MCS on STN (Continued)
Bentemescetic ecid, e=[[4=[2:-ethyl=5,7-dimethyl=38-inisdace]4,5=b]pyr.adim-3-yl)methyl]phemyl](2-methylpropyl)amimo]-, methyl ester (CA

137421-74-0 CAPLUS Bemzenscette acud, e-[(cyclopropylmethyl)[4-[(2-ethyl-5,7-dimethyl-33-inidaro[4,5-b]pyridin-3-yl]methyl]phenyl]amino]-, methyl ester (CA HUMEN NUME)

137421-75-1 CAPLOS
Benteneacetic acid, w=[[4-[(2-ethyl-5,7-dimethyl-38-imidino[4,5-s)pyridin-3-yl)methyl)phenyl](1-methylpropyl)amino]-, methyl ester (CA-1705X NAME)

ACTUALTURE CANDES Bennemencetic acid, e-[[4-[[2-ethyl-5,7-dimethyl-ME-imidszo[4,5-b]pyridim-3-yl)methyl]phenyl][(1-methylethyl)amino]-, methyl exter (CA PRODE NORM)

60077, USA Journal of Organic Chemistry (1995), 60(4), 960-5 COMER: JOURNAY ISSN: 0022-3263 American Chemical Society

SOURCE Sources of Contact Contacts of Land Contacts of La

OS.CITING REP COUNT: 15 THERE ARE 15 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

LG MEMBER 17 OF 29 CAPLUS COFFEGET 2011 ACS on STR ACCESSION NUMBER: 1995:67127 CAPLUS DOUBLET NUMBER: 122:23206 ORIGINAL REFERENT NO.: 122:43954,43964

Numpeptide angiotenzin II (AII) receptor antagon N-substituted indole, dihydroindole, phenylaminophenylacetic acid and

acylgulfonamide-based

All receptor astagonists Dharoa, D. S.; Regley, S. M.; Chany, E. S. L.; Lotti, V. S.; Chen, T.; Evilghe, S. D.; Espeaco, G.; Stepl. Narck Res. Lab., Rahway, NY, OTOSS, USA Pepi.: Chem., Struct. Boil., Proc. Mo. Rept. Symp., 2325, 12340; Meeting Data 1933, 285-6. Editor(s) Robous, Robert S.; Sett., Soulda. & ROSMA Ledden, AUTHOR (S) +

| Comparison | Com

Nox antagonists)
151554-14-2 CAPUS
Estrementic acid, w=[[4-[(2-ethyl-5,7-dimethyl-3S-inidaro[4,5-b)pyxdias-3-y1)methyl)phenyl]amino]- (CA INDEX NAME)

151954-15-3 CAPLUS Bezzezezetto add, w-[[4-[[2-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyxidn-3-yl)methyl]phenyl]methylanimo] (CA INDEX NAME)

AMENER 17 OF 29 CAPLUS COFTRICKT 2011 ACS on STN

151954-25-5 CAPLUS Benzeseetic acid, w-[ethyl]4-[(2-ethyl-5,7-dinethyl-3H-inid bjpyridin-J-yl)nethyl]-2-methylphenyl]anino]- (CA INDEX NAME

Benzenaceius acid, w=[[4-[(2-cthyl-5,7-dinethyl-38-inidazo[4,5-b]pyxidin-3-yl)nethyl]-2-methylphenyl]-2-propen-1-ylamino]-2-methyl- (CA INDEX NUMBER)

151954-33-5 CAPLUS Benzeneacetso acid, w=[ethyl[6-[(2-ethyl-5,7-dimethyl-2H-imidazo[4,5-b]pyxidin-3-yllmethyl]phonyl]amino]-3-methyl- (CA INDEX NAME)

151954-37-9 CAPLUS
Beatemacetamide, w-[ethyl]4-[(2-ethyl-5, 7-dimethyl-3B-imidazo[4,5-b)pyridim-3-yllmethyl]phenyl]amino]-8-[phenylswlfonyl)- [CA IMBEX NAME)

L6 AMSMER 17 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-16-4 CAPLUS
Benzemasceitc scid, w=[ethy1[4-[(2-ethy1-5,7-dimethy1-3H-imidszo]4,5-b]pyridin-7-y1)nethy1[phony1]amimo] (CA INDEX NAME)

151954-17-5 CAPLUS Benzeneacetic acid, e-[[4-[(2-ethyl-5,7-dimethyl-3B-imidare[4,5-b)pyxdim-3-ylinethyl]phonyl]-2-propen-1-ylanimo)- (CA INDEX NNE.

151954-18-6 CAPLUS Benzenacetic acid, w-[[4-[(2-ethyl-5,7-dimethyl-38-mandare[4,5-b]pyridim-3-yl)nethyl]phenyl]propylanimo] (CA INDEX NAME)

151954-19-7 CAPLUS Benzeneacetic acid, a-{butyl{4-{(2-ethyl-5,7-dimethyl-2H-inidazo|4,5-b)pyxidin-2-yllnethyl]phenyl]amino} (CA IMBEK NUME)

ANSMER 17 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

 $\label{local_property} 151954-38-0 \quad \text{CAPLES} \\ \text{Benzencacetanide, } = \left[\left\{4-\left((2\text{-ethyl-5},7\text{-disethyl-38-inidaze}\left\{4,5\text{-blyptidis-3-ylinethyl}\right]\text{-}2\text{-propen-1-ylanue}\right\}\text{-}4\text{+}\left(\text{phenylsulfonyl}\right)\right] - \left(1-\left(2\text{-propen-1-ylanue}\right)\text{-}4\text{+}\left(\text{phenylsulfonyl}\right)\right) - \left(1-\left(2\text{-propen-1-ylanue}\right)\text{-}4\text{+}\left(\text{phenylsulfonyl}\right)\right) - \left(1-\left(2\text{-propen-1-ylanue}\right)\text{-}4\text{+}\left(\text{phenylsulfonyl}\right)\right) - \left(1-\left(2\text{-propen-1-ylanue}\right)\text{-}4\text{+}\left(\text{phenylsulfonyl}\right)\right) - \left(1-\left(2\text{-propen-1-ylanue}\right)\text{-}4\text{+}\left(2\text{-propen-1-ylanue}\right)\right) - \left(2\text{-propen-1-ylanue}\right) - \left$

151954-39-1 CAPLUS

159720-53-3 CAPLUS 1-Tetrazolidinemethanamine, N-[4-[{2-ethyl-5,7-dimethyl-3H-inidazo|4,5-b]pyr.idin-3-yl]methyl]phonyl]-N-methyl-a-phonyl- (CA INDEX NONE)

ARSMER 17 OF 29 CAPLUS COPTRIGET 2011 ACS on STN (Continued)

LA MORMAN 18 OF 29 CMFLOS COFFLORT 3011 ACS on ETH COCKNOWN CONTROL 121 149935 CMLNOS CONTROL 121 149935 CMLNOS CM

sulfonamides. [Erratum to document cited in Chi20(5):45190z] Dhanea, Daljat S., Bagley, Scott M., Chang, Raymond

L.; Lotti, Victor J.; Chen, Tsing Bou; Kivlighn, Salah

137421-72-8 CAPLUS
Benzescetic scid, s-{[4-{(2-sthyl-5,7-disethyl-3E-inidsro[4,5-blowridin-3-wi)sethyllohenvilaniso|-, sethyl ester (CA INDEX NAME)

151954-46-0 CAPLUS Benzersectic acid =-[[4-[(2-ethyl-5,7-dimethyl-78-imidazo[4,5-olygyidin-7-yilmethyl-2-methylphenyl]amino]-, methyl seter (CA INDEX

AMBMER 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

151954-47-1 CAPUTS
Benzezacetic scid, a-[[4-[(2-ethyl-5,7-dimethyl-3E-inidazo[4,5-])pyz(dam-0-yllnethyl)-2-methylphenyl]snino]-2-methyl-, ethyl seter (CA INDEX NOWE)

Penzenacetio acid, e-[[4-[(2-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyxidam-3-yl]methyl]phreyl]amino[-3,5-bis(txiflwormethyl)-, methyl ester (CA INDEX NAME)

151954-49-7 CAPUTS Besteroecetic seed: ==[14-[(2-ethyl-5,7-dinethyl-3M-inidazo[4,5-b)pyradm-7-yl/methyl]phanyl]ansno]-2,5-difloro-, ethyl exter (CA IMDEX

ANSWER 10 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-50-6 CAPLUS Benzeneacetic acid, 2-chloro-a-[[4-[(2-ethyl-5,7-dimethyl-3H-indiazo[(4,5-bi)pyridim-3-ylimethyl]phenyl]amino]-, ethyl ester (CA INDEX

151954-51-7 CAPLUS
Benzeneacetic sold, s-[[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyrddin-3-yl)nethyl]phenyl]amino]-3-methyl-, ethyl ester (CA INDEX MAME)

Nal activity or effector, except adverse); BSU

138359-17-8 CAPLUS Beauspacetic acid, $a=[[4-([2-cthy1-5,7-dimethy1-3E-inidazo[4,5-b)pyxidim-7-y1]methy1]pheny1][1-methy1propy1):mino] (CA_INDEX_S)$

151954-14-2 CAPLUS Benzemacetic acid, a-[[4-[[2-ethyl-5,7-dimethyl-3E-ib]pyxidin-1-yl]methyl]phenyl]anino]- (CA INDEX NOME

151954-15-3 CAPLUS Emzemearatic acid, w-[[4-[[2-ethyl-5,7-dimethyl-3E-inidaro[4,5-blowsim.3-yl)methyl]phenyl]methylamino]- (CA INDEX NAME)

151954-20-0 CAPLUS Benzeneacetic acid, w-[[4-[[2-ethyl-5,7-dinethyl-3E-inidazo[4,5-b]pyzidin-3-yl]nethyl]phenyl][2-methylpropyl)anino[- (CA INDEX N

151954-22-2 CAPLUS Benzenacetic acid, e-[cyclogropylnethyl][4-[(2-ethyl-5,7-dinethyl-3m-inidaco(4,5-b)pyridin-3-yl)methyl]phenyl]amino]- (CA INDEX NAME)

151954-23-3 CAPLUS Benzeseetto add. w=[[4-[(2-ethyl-5.7-dimethyl-38-imidazo[4.5-b]pyzidin-3-yl)methyl]-2-methylphenyl]amino]- (CA IMDEX NAME)

151954-24-4 CAPATS
Beatenacetic acid, <-[[4-[(2-ethyl-5,7-dinethyl-3W-inidazo[4,5-b]pyxdam-2-ylheethyl]-2-eethylphenyl]nethylanino]- (CA INDEX NAME)

ANSMER 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-16-4 CAPLUS
Benzemascetic acid, u=[ethy1[4-[(2-ethy1-5,7-dimethy1-3H-imidazo[4,5-b]pyridin-7-y1)nethy1[pheny1]amimo] (CA INDEX RAME)

151954-17-5 CAPLUS Benzeneacetic acid, e-[[4-[(2-ethyl-5,7-dimethyl-3E-imadaro[4,5-b]pyridm-3-yl)nethyl]phenyl)-2-propen-1-ylanino)- (CA INDEX NNE.

151954-18-6 CAPLUS Benzeneacetic acid, w-[[4-[(2-ethyl-5,7-dimethyl-38-mandaro]4,5-b]pyridim-3-yl)nethyl]phenyl]propylamino]- (CA INDEX NAME)

151954-19-7 CAPLUS Benzeneacetic acid, ==[butyl[4-[(2-ethyl-5,7-dimethyl-78-inidazo[4,5-b]pyridim-7-yllnethyl]phenyl]amino]- (CA INDEX NAME)

CAPLUS COPYRIGHT 2011 ACS on STN

l51954-25-5 CAPLNS Beneeneacetic acid, ==[ethy1[4-](2-ethy1-5,7-dimethy1-3H-mmidaro[4,5-b)pyridin-3y-y)heethyl)-2-methylphemyl]amino]- (CA INDEX NAME)

151954-28-6 CAPLNS
Bennemeacetic acid, a=[[4-[(2-ethyl-5,7-dimethyl-28-imidazo[4,5-b]pyridin-3-yl)methyl)-2-methylphenyl)-2-propen-1-ylamino]- (CA INDEX MOME)

151954-27-7 CAPLUS Semzencacotio anid, c-[[4-[(2-ethyl-5,7-dimethyl-28-inidazo[4,5-b])pyridim-3-yl)nethyl]-2-nethylphenyl]propylamino] (CA INDEX NAME)

151954-28-8 CAPLOS Bernenecetic ecid, e-[[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b)pyridim-3-yl)methyl]-2-methylphenyl]anino[-2-methyl- (CA INDEX NONE:

AMENDS 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Contamond)

151954-29-9 CAPLNS
Described in acid, e=[[4-[(2-ethyl-5,7-disethyl-38-inidaco[4,5-b]pyridin-3-yl)methyl]-2-methylphenyl]-2-propen-1-ylanino]-2-methylINDEX NAME]

151954-30-2 CAPLUS Benzezacetic acid, e-[[4-[(2-ethyl-5,7-dimethyl-3N-inidaro[4,5-b]pyx.dim-7-yl]methyl]pbrnyl]amino]-3,5-biz(trifluoremethyl)- (CA INDEX

151954-33-3 CAPLUS Benzekacetic acid, w-[[4-[(2-ethyl-5,7-dimethyl-3M-inidaro[4,5-b)pyxidn-3-ylinethyl]phemyl]nethylanino]-2,5-difluoro- (CA INDEX NAME)

151954-32-4 CARUS Resretectio acid, 2-chloro- α -[ethyl[4-[(2-ethyl-5,7-dimethyl-38-

ANSMEN 19 OF 29 CAPLUS COPTRIGST 2011 ACS on STN (Continued) b]pyzidin-3-yl)nethyl]phenyl]-2-propen-1-ylanino]-2,5-difluoro- (CA INDEX

151954-37-9 CAPLUS Benzenacetanide, ==[ethy1[4-[(2-ethy1-5,7-dimethy1-38-imidazo[4,5-b)pyzidm-3-yl)methyl]phenyl]amino]-N-(phenylsulfonyl)- (CA INDEX NAME)

151954-38-0 CAPLUS 151994-98-0 CAPLUS Benzeneacetanide, w-[[4-[(2-ethyl-5,7-dinethyl-38-inidazo[4,5-b]pyxidin-3-yl)nethyl]phenyl]-2-propen-1-ylanino]-W-(phenylaul

151954-39-1 CAPLMS Benzenacetanide, e-[[4-[[2-ethyl-5,7-dimethyl-38-inidexo[4,5-b]pyruinn-7-yl]methyl]phonyl]propylanino]-N-[phonyliwiftonyl)- (CA IMDEX

ANSMER 18 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued inidazo[4,5-b]pyridin-3-yl)methyl]phenyl]amino] - (CA INDEX NAME)

151954-73-5 CAPLUS Benzessestic scid, a-[ethy1[4-[(2-ethy1-5,7-dimethy1-JE-inids b]pyridin-3-y1)methy1[phemy1]amimo]-3-methy1- (CA INDEX NUME)

151954-34-6 CAPLUS
Benzensacetic acid, e-[ethyl[4-][2-ethyl-5,7-dimethyl-38-inidazo[4,5-blowrid=3-4])nethyllohemyllaminol-2,5-diffuoro- (CA REEE NAME)

151954-35-7 CAPLUS Benzenracetic acid, ==[ethyl[4-[{2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)nethyl]phmyl]amino]-3,5-bim(trifluoromethyl)- (CA INNEX

151954-36-8 CAPLUS Remzeneacetic acid, $\omega = \{14-\{(2-\mathrm{ethyl-5},7-\mathrm{dimethyl-28-imidazo}\}4,5-$

ANSWER 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

- 137431-52-77
 23. NOT (December) SBH (Synthetis preparation); FREF (Preparation); FACT (December of respect) preparation and depretention of (Exrature)
 [preparation and depretention of (Exrature)
 [Cathonic acid, [4-1](2-cttp]-5,7-dimerby-12-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy[pherpinethy-1,1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy-1-dimerby]-14-bindsre(4,5-b)pyridin-7-yinethy-1-dimerb

- | 17421-46-49 | | Els PCT [Decentarity]; STM [Symthetic preparation]; FREP (Treparation); DACT | International Computation of the Computation of the Computation and Reaction of, with Demandabyte and cyanide (Erratum); | 17421-44-6 (Fig. 1988) | Proparation of the Computation of

17 137421-61-5F 151934-44-8P EL: PCT (Basciani); 500 (Synthetic preparation); FMED (Preparation)) 3ACT (Basciani or respect) (Excatum): 100 (Excatum); 10

151954-44-8 CAPAUS Benzenanne, 4-[(2-othyl-5,7-disothyl-3B-inidazo[4,5-b)pyridan-3-yllnethyl)-2-methyl- (CA INDEX NAME)

- 12 17151-00-00 1373-01-1-00
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 171

151954-41-5 CAPLUS 3E-Initaro(4,5-b)pyridine, 2-ethy1-5,7-dimethy1-3-[(3-methy1-4-niropheny1)methy1]- (CA INDEX NAME)

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151954-52-0 CAPENS
Beareneacetic acid, 4-[[4-[2-ethyl-5,7-dimethyl-28-inidazo[4,5b]pyrialm-3-yllmethyl]phenyl]-2-propen-1-ylamino]-, methyl ester (CA
HONEX NOWE)

ANSMER 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

7423-6-3P 137423-73-7P
7423-75-7P 151954-52-8P
1954-5-6-9P 151954-55-1P
1954-5-6-9P 151954-55-4P
1954-6-8P 151954-61-9P
SIN (Symthetic preparation); FREP (Freparation); IMCT

151954-62-07 151954-63-1F 151954-64-27
BLINET (Described) 78H (Symthetic preparation) 78EF (Preparation) 78CF
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137421-68-2 CAPLUS Benzenacetic acid, s-[ethy1]4-[{2-ethy1-5,7-dimethy1-3H-imidaze]4,5 b]pyridin-3-y1)msthy1]pheny1]amino]-, methy1 exter (CA TREEX NAME)

137421-71-7 CAPLOS
Benzeneacetic acid, e-[[4-[[2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyxidim-3-yl]methyl]phenyl]propylamino]-, aethyl ester (CA INDEX NAME)

ANSWER 18 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-53-9 CAPLUS
Benzensacetic acid, ac[butyl[4-[(2-ethyl-5,7-dimethyl-3R-inidazo[4,5-b]pyxidin-7-yllmethyl]phenyl]amino]-, methyl exter (CA IMDEX NAME)

151954-54-0 CAPLOS
Benzemescetic acid, c=[[4-[[2-ethyl-5,7-dimethyl-28-imidazo[4,5-b]pyridim-3-yllmethyl)-2-methylphenyl]methylamino]-, methyl ester (CA TROEK NAME)

151954-55-1 CAPLOS Benzeneacetio acid, w=[ethyl]4-[(2-ethyl-5,7-dimethyl-3H-ini%azo[4,5-b]pyrxdim-3-yllmethyl]-2-methylphenyl[anino]-, methyl ester (CA INDEX

221 151954-56-2 CAPATS
CR Descretering action = [[4-[[2-ethyl-5,7-dimethyl-28-imidazo[4,5-b]pyridaz-3-ylnethyl]-2-esthylphenyl]-2-propen-1-ylamino]-, nethyl ester
(CA INDIX MAME)

38 11954-97-3 CAPANS C2 Benramenetu acut, e-[14-[(2-ethyl-5,7-dimethyl-3E-inidaro[4,5-b)pyxidin-3-yl)methyl]-2-methylphenyl]propylanino]-, nethyl seter (CA HIDDIX SNME)

33 151954-18-4 CAPLUS CR Benzeneactio sold, e-[14-[12-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyxidan-3-ylmethyl]-2-methylphenyl]-2-propen-1-ylanino]-2-methyl-, ethyl ester (CA 31008: NAMS)

16 AMSMER 18 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

30 151934-62-0 CARLUS CB Senzenezetic acid, e-[ethyl]6-[(2-ethyl-5,7-dinethyl-3B-inidaro]4,5a)pyridin-3-yl)methyl]phenyl]anino]-2,5-difluoro-, ethyl ester (CA INDEX NAME)

320 151954-63-1 CAPCOS Benzemacetia razu, a-(ethyl)(4-((2-ethyl-5, 7-dimethyl-3H-imidano)4, 5b)pyxidim-3-yl)methyl]phenyl]amino]-3, 3-bis(trifluoromethyl)-, methyl ester (CA INDEX BMSE)

80 151954-64-2 CARLTS CR Restressette acid, w=[[4-[[2-ethyl-5,7-dimethyl-28-imidzeo[4,5-b]pyridim-3-yllnethyl]phenyl]-2-propen-1-ylanimo]-2,5-diffsoro-, ethyl exter (CA INSEX NOME) L6 ANSMER 18 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN (Continued)

PR 151954-59-5 CAPLOS
CR Dencemaced: acid, w=[[4-[[2-ethy]-5,7-dimethy]-38-inidaco[4,5-]]ppg-3986-2-]nethyl]pbenyl]mthylanino]-2,5-diffboro-, ethyl seter (CA

18 151554-60-8 CAPARS CR Benzemesetic acid, 3-chloro-a-[ethyl]4-[(2-ethyl-5,7-sinethyl-3H-massetic)(1,3-b]ppzidin-3-ylinethyl)phenyl]anaso)-, ethyl ester (Ch INDEX masset)-masset (Ch INDEX mass

PN 151954-61-9 CAPLUS CR Benzensectic acid, w-[ethyl]4-[(2-ethyl-5,7-dimethyl-38-imidazo]4,5b)pyridin-3-yl)methyl]phenyl]amino]-3-methyl-, ethyl ester (CA INGEX

LG ANSWER 10 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

- | 137421-77-37|
 | M. 1981 Optimize preparation), FREE (Preparation)
 | M. 1981 Optimize and extraole derivative preparation from (Erratus))
 | 137421-77-3 CALUSS
 | M. 137421-77-3 CALUSS | M. 1981 |
- b]pyridin-3-yl)methyl]phenyl]methylamino]- (CA IND)

L6 AMENDER 19 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN ACCESSION NUMBER: 1994:426465 CAPLUS

DOCUMENT NUMBER: ORIGINAL REFERENCE NO.:

Benzofuran bazed non-peptide antagonists of angiotensin II related to GRI17289: Part IV: Inidazopyridinylbenzofurans Jodd, D. B.; Cardwell, K. S.; Panchal, T. A.; Jack,

AUTWOR(S): I.; Pass, M.; Hobbard, T.; Dean, A. W.; Bett, A. U.; Bebson, J. E.; et al. Glass Group Res., Ware/Berts, EG12 ODF, UK Bioorgans & Medianal Chemistry Letters (1994),

725-0 CODER: EMCLEO; ISSN: 0360-094X Journal English

The identification of a series of inidatopyridinylbenrofurans (I, R1 = E, Me, COZE, or CHZOE) as potent, non-peptide antagonists of angiotensin II as descrabed. Several of these compds. decrease the blood presure in

remai artery liquided rat model of hypertension after oral administration II, Ni - 96 or CROOM have high bloowalability and metabolic stability 18390-51-3 [15390-54-3] [15390

pharmacokinetiss of) 15930-55- CARLOS Methamesulfomanide, N-[2-brono-5-[(2-ethy)-5,7-dinethyl-38-inidazo[4,5-bpyrxdin-2-yl)nethyl]-s-bentofuranyl]-1,1,1-trifluoro- (CA IMDEX NAME)

ANSWER 19 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

155930-58-8 CANAUS Methanesulfomanude, N-[3-bxono-5-[(2-ethyl=7-methyl=3B-imidazo[4,5-b)pyxidin-3-yl)methyl]-6-benzofuranyl]-1,1,1-trifluoro- (CA INDEX NAME)

OS.CITING REF COUNT: THERE ARE 5 CAPLUS RECORDS THAT CITE THIS (5 CITINGS)

ANSMER 19 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

155930-56-6 CAPLUS
Methanesulfonamide, N-[3-bxcsso-5-[{2-ethyl-5-(hydroxymethyl)-7-methyl-3H-imidato[4,5-b]pyridim-3-yl]methyl]-6-benrofuranyl]-1,1,1-trifiboro- (CA-ROMX NAME)

155930-57-7 155930-59-8 Kis BIOL (Biological study) (antihypertensive and angiotensin II receptor antagonist activities

155930-57-7 CAPLUS 3N-Tmidaro[4,5-b]pyridine-5-carboxylic acid,

3-[[3-bxcmo-6-[[{trifluoromethyi}]sulfonyi]amino]-5-benzofuranyi]methyi]-2-ethyl-7-methyl- (CA INDEX NAME)

LE SOMERA DE SE DE CALLER CONTINUES 301 ACS ON STR CONCREZION NUMBERS. 139-1446500 ACS 139-1446500 ACS 139-146500 ACS 139-146500 ACS ARREL SOMERA SE SO COMPORATE SOURCE: SOURCE: 4(1),

207-12 CODEN: EMCLES; ISSN: 0960-894X

A series of imidazo[4,5-b]pyridine-based acidic phenols are exemplified moved non-programme-moved matter personal entering and moved non-programme and non-p

HN 154152-15-5 CAPLUS

MEMBER 20 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued) Phemol, 4-(12-enthyl-5,7-disethyl-38-inidaze(4,5-b)pyridim-3-yl)methyl)-2-nitro-6-(2-encomen-1-yl)- (CA INDEX MBME)

154152-16-6 CAPANS PRESSAI, 4-[(2-ethyl-5,7-dimethyl-38-mndaro[4,5-b]pyradas-3-yl)methyl]-2-defen-familto- (CA 18888 8848)

II 1445-28-09 Date Link Theastast) FSB (Synthetic preparation) FMAP (Preparation) AMCT Description of description of description of 31 14452-28-00 CMCPS 31452-38-00 CMCPS

OS.CITING REF COUNT: 2 RECORD

THERE ARE 2 CAPLUS RECORDS THAT CITE THIS

- ARREA I ST 79 CAUTE OFFICIAL TO A FEW (INCIDENCE AND A STATE OF A STATE OFFI A STATE OF A STATE OFFI A STATE
- nq/kq by inhibiting the pressor response for >6 h. Acyl sulfomanides VII-IX displayed excellent in vivo activity by blocking the AII-induced pressor response for >6 h after oral administration in conscious rats at

- El: NCT [Bastant); EM (Synthetic preparation); PREP (Preparation); [Pastant or reagent) [preparation and alkylation of) 17421-62-6 CMPLOTS CARABNE acid, [4-[2-ethyl-5,7-dinethyl-38-inidaxo[4,5-b]pyxidin-3-ylinethyl]phenyl]-, 1,1-dinethylethyl ester (901) (CA. 2000X NAME)

137421-72-8 CAPLUS Benremeacetic acid, e-[[4-[[2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyxadam-3-yl)methyl]phenyl]amino]-, methyl ester [CA INDEX NUME

151954-46-0 CAPLDS
Designaceutic aud, 4-[[4-[(2-ethyl-5,7-dimethyl-3H-imidato[4,5-b]pyridim-3-yl)methyl]-2-methylphemyl]anino[-, methyl aster (CA IMBEX

L6 AMEMER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN ACCESSION NUMBER: 1994:45190 CAPLUS

DOCUMENT NUMBER: ORIGINAL REFERENCE NO.: 120:45190 120:8047a,8050a

Non-peptide angiotensis II receptor antagonists, 2 Design, synthesis, and biological activity of N-rubstituted (phenylamino)phenylacetic acids and

sulfonamides Dhanea, Daljit S., Bagley, Scott M ; Chang, Raymond L.; Lotti, Victor J.; Chen, Tring Bau; Kavlighn,

D.; Einqaro, Gloria J.; Sieql, Peter K. S.; Patchett, Arthur A.; Greenlee, Millian J. Murck Rex. Lab., Fabray, MJ, 07065, USA Journal of Medicinal Chemistry (1993), 36(26),

CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: LANGUAGE: OTHER SOURCE(S): Journal English CASESACT 120:45190

AB The design, synthesis, and biol. activity of a new class of highly potent non-peptide AIT receptor antagonists desived from N-substituted (phenylamino)phenylacetic acid and any) sulfonancies which schibit a high selectivity for the ATI receptor are described. A series of N-substituted

Metituted (phenylamino)phenylacetic acids (I) and acyl sulfonamides (II) and a tetrarole derivative (III) were synthesized and evaluated in the in

crabit sorts) and AT2 (rat midmetal) bloding assay. The [been] midmetal place of the place of th

VI with the bioisosters acyl sulfonanids (CORHEOLPA) resulted in a [5-7]-fold increase in the AT1 potency of II [8-8] to (VII) (AT1.1050-9.98), AT2 (S50-9.2.98), AT2 (S50-9.2.98), AT2 (S10-9.2.98), AT2 (S10-9.2.998), and II (R-87) (S10-10.7) (S10-9.8) (S10-9.8)

L6 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

151954-47-1 CAPLOS Benzenacetic acid, u-[[4-{[2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-7-y1)nethyl]-2-methylphenyl]anino]-2-methyl-, ethyl exter (CA

151954-48-2 CAPLUS Benzemacetic acid, u-[[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyxidim-J-yl)methyl]phmino]-J,5-bis(trifluoromethyl)-, methyl ester (CA_RUBEX_MME)

151954-49-2 CAPLUS Benzeneacetic and. =-[[4-[(2-cthyl-5,7-dimethyl-38-inidazo[4,5-b]pyxdim-3-yllmethyl]phenyl]amimo]-2,5-difluoro-, ethyl ester (CA INGEX

AMENER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN

151914-50-6 CAPLES Benzenacetic acid, 2-chloro-w-[[4-[(2-cthy1-5,7-dimethy1-3B-lumdazo[4,5-b]pyridim-3-y1)methy1]phemy1]amino]-, ethy1 ester (CA IRDEX

ANSWER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN

151954-16-4 CAPLUS Benzemacetic acid, w=[ethy1[4-[(2-ethy1-5,7-dimethy1-3H-imidazo[4,5-b]pyzidn-3-y4)nethy1]pheny1[amino]- (CA INDEX NDME)

lbly04-11-5 CAPUNS Benzeneacetac acid, w-[[4-[(2-ethyl-5,7-dimethyl-38-imidaro[4,5-b]pyridim-3-yl)methyl]phenyl]-2-propen-1-ylamino]- (CA INDEX NAME)

151954-18-6 CAPAUS Sensenceotic acid, w-[[4-[(2-ethyl-5,7-dimethyl-38-imidaze b]pyxidim-3-yl)methyl]phenyl]pxopylamino]- (CA INDEX NAME)

151954-19-7 CAPGAS Bearenacetic acid, «-[butyl[4-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyxxdim-3-yllmethyl]phenyl]amano] (CA IMORK NOME)

- ASSEST 21 OF 20 CARLING COFFICION 2011 ACC ON ENT. CONTLINED 22 ACCESSED 2015 CONTLINED 2015 CON

[38359-17-8 CAPAUS Semzenescetic soid, s-[[4-[(2-ethyl-5,7-dimethyl-38-imidszo[4,5-]pyradin-3-yllmethyl jphenyl] [3-methylpropyl)amino]- (CA. INDEX N

151954-14-2 CAPLOS Sensenscatic acid, a-[[4-[(2-cthy3-5,7-dimethy1-3E-imidazo[4,5-b]pyridin-3-y1)methy1]pheny1]anino]- (CA INDEX NUME)

151954-15-3 CAPLUS
Benzensacetic acid, e-[[4-[(2-ethyl-3,7-dimethyl-3E-imidaze[4,5-blowridim-3-y2)methyl]phenyl]methylamino]- (CA INDEX NOME)

COPYRIGHT 2011 ACS on STN

151954-20-0 CAPLUS Benzeneacetic acid, e-[[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b]pyridin-1-yr]nethyl]phenyl](2-methylpropyl)anizo]- (CA INDEX N

151954-22-2 CAPLUS Benzeneacetic acid, w=[(cyclopropylmethy1)[4=[(2-ethy1=5,7-dimethy1= 3N-inidaxo[4,5-b]pyridin-3-y1)methy1]pheny1]mnno]- (CA INDEX NAME)

151954-24-4 CAPLOS Benzenacetic acid, =-[|4-||(2-ethyl-5,7-dmethyl-3E-inidazo|4,5-b)pyxdm-3-yl)methyl]-2-methylphenyl]methylannol- (CA INDEX NAME)

331 151954-25-5 CARLUS
CH Benzeneacetz azad, w=(ethyl|4-|42-ethyl=5,7-dimethyl=3B-imidazo|4, hlyrridim.2arlustlmthyl=2armthylphanyllaningl= (CA IMMEX NAME)

221 151954-26-6 CAPLUS
CN Benzezeacetz acad. 4-[4-[2-ethyl-5,7-dimethyl-38-inidazo[4,53)]pyxiain-3-ylleethyll-2-methylphenyll-2-propen-1-ylanino]- [CA INDE

333 151954-23-8 CARLOS Bentzeacetic acid, e-[14-[2-ethyl-5,7-dinethyl-30-inidazo]4,5b)pyxidax-3-yl)methyl)-2-nethylphenyl]anino)-2-nethyl- (CA INDEX NAME)

16 ANSMER 21 OF 29 CAPLUS COPTRICKT 2011 ACS on STN (Continued inidazo[4,5-b]pyridin-3-yl)methyl]phenyl]amino] - (CA INDEX NAME)

20 151954-33-5 CAPLUS CN Benzeneacetic acid, a=[ethyl[4-](2-ethyl-5,7-dinethyl-3E-inidazo[4,5-h]pyridin-3-wl)nethyl]ohenyl[aniso]-3-methyl- (CA INDEX NAME)

90 151954-34-6 CAPLUS
CN Benzenearetic acud, e-[ethy1]4-[(2-ethy1-5,7-direthy1-3B-inidazo]4,5-bjpy;udin-3-yi)rethy1]pheny1]anino]-2,5-difluoro- (CA INDEX NAME)

PM 151954-35-7 CAPUNS
CN Benzenearan add, w=[ethyl]4-[(2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyzidim-3-yl]methyl]phonyl]anino]-3,3-biz(tzifluozomethyl)- (CA IMDEX

RE 151954-76-8 CAPLUS CB Benzeneacetio adid, w-[|4-[(2-ethyl-5,7-dimethyl-38-imidazo|4,5-

PM 151954-29-9 CAPLAS

CE Bencenscetic ecid, ==[|4-|(2-eth)2-5,7-dimeth)1-3m-inidazo|4,5-bjpy_cilu-2-y1)mey3-1-2-esthy1phemy17-2-propus-1-ylamino]-2-esthy1- (CA

IN 151954-30-2 CAPLUS
CN Benzenscetic acid, e-[|4-|(2-ethyl-5,7-dimethyl-3E-inidazo|4,5-bbpyxdim-3-yl)methyl]phenyl]animo]-3,5-bis(trifisorcesthyl)- (CA INDEX

NN 151954-31-3 CAPLUS

CN Benzemacetic acid, w-[|4-|(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-bloyridin-3-v])nethylbenyllmethylaminol-2,5-diflecto- (CA INDEX NAME)

NN 151954-72-4 CAPLUS CN Benzeneacetic acid, 2-chloro-a-[ethyl|4-|(2-ethyl-5,7-dimethyl-38-

L6 ANSMER 21 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued) bjpyridin-3-yl)methyljphenyl]-2-propen-1-ylamino]-2,5-diflworo- (CA

PN 151954-37-9 CAPLUS

CN Benteneacetamide, a=|cthy1|4=|(2-cthy1-5, 7-dimethy1-3H-inidato|4,5-b|pyridim-3-y|linethy1|pheny1|animo|-N-(pheny1sulfony1)- |CA INDEX NAME.

381 151954-78-0 CAPLUS Benteracetanide, «-[|4-[(2-ethyl-5,7-dimethyl-38-imidazo|4,5-b]pyridin-3-yl)methyl]phenyl]-2-propen-1-ylamino]-H-(phenylrulfonyl) (CA)

N 151994-39-1 CAPLUS Benzeneacetanide, e-[|4-|(2-ethyl-5,7-dinethyl-3H-inidazo|4,5-b]pyridin-3-yl)methyl]phenyl]propylanino]-H-(phenylsulfonyl)- (CA INDEX 137GC-35-CP
TAL SHE Hypothesis preparation); PARP Preparation)
preparation and employeesis II detended well-vily of, structure in
137GC-35-CP
TALESCOPE - MALESCOPE - MALESCOP

13143-4-TP
AL NOT (December) FRE (Symbolic preparation), FREP (Preparation), FACT
December of respect
December of respect of respective respecti

137421-44-89
Zai Por [Beatami); 5781 [Symthetic preparation]; FRED [Preparation]; FACT
[Preparation and reaction of, with benezidehyde and cyanide)
137421-44-6 (ALEMB
BRICKERMIN, 6-[12-ethyl-7,7-disethyl-7-B-inidato[4,5-b]pyridin-7yilenthyl-7-bentyl-7 (A. TOBER 10ME)

AMENER 21 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

15:954-41-5 CAPLUS 3R-Inidaro(4,5-b)pyridine, 2-ethyl-5,7-dimethyl-3-[(3-methyl-4-nirophenyl)methyl]- (CA INDEX NAME)

| 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 1141-46-39 | 114

137421-68-2 CAPLUS Beniemacetic acid. w-[ethyl[4-[(2-ethyl-5,7-dimethyl-38-amidazo[4,5-b]pyridim-3-yl]methyl[phanyl]amino]-, methyl mater (CA INDEX NUME)

AMSMER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

151954-44-0 CAPLUS Benzenanie, (= [(2-ethyl-5,7-dimethyl-38-inidazo(4,5-b)pyridin-3-ylmethyl)-2-methyl- (CA INDEX NAME)

L6 ANSWER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continues)

137421-71-7 CAPLUS
Benzenzacetic acid, a-[[4-[(2-ethy1-5,7-dimethy1-3E-imidaze[4,5-b])pyzidin-3-yi]methyl]phenyl]propylanimo]-, methyl ester (CA INDEX NAME)

137421-73-9 CAPLUS Bentemeacetic acid. a=[[4=[(2=cthy1=5,7-dimethy1=38=imidazo[4,5=b]pyxidim=3=yllmethy1]pheny1](2=methy1propy1)animo]=, methy1 ester (CA IUDEX DMME)

137421-75-1 CAPLUS
Bentenearette soid, w=[4-[4-[2-ethyl-5,7-dimethyl-38-imidsze[4,5-b]pyxidin-3-yl]nethyl]phenyl](1-methylpropyl)anine]-, methyl ester (CA: UNDEX: NUME)

- L6 AMENER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)
- 131 151954-52-8 CAPAUS CRI Denzenacetic acid, a-[4-[2-ethyl-5,7-dimethyl-38-inidazo[4,5-b]pyridim-3-yl]methyl[phanyl]-2-propen-1-ylamino]-, methyl exter (CA INDEX NOWE)

38 151954-53-9 CAPLUS
CN Description acid, a [butyl]4-[(2-ethyl-5,7-dimethyl-38-inidazo]4,5
block in June 1 (2 market) acids a part (2 market) acids (2 market)

320 151054-54-0 CAPCUS CD Benzezearic acid, a-||4-|(2-ethyl-5,7-dimethyl-NE-inidaro|4,5-b)pyx:dim-l-ylimethyl)-2-methylphenylimethylanino|-, methyl exter (CA NRDEX NRME)

16 AMBMER 21 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

201 151954-59-5 CAPLUS
CD Benzenseetic acid, =-[|4-||(2-ethyl-5,7-dimethyl-78-inidazo|4,5-b)pyridim-3-ylimethyl)phenyl)methylamino)-2,5-difluoro-, ethyl ester (CA

PN 151954-60-8 CAPLUS CN Benzeneactio acid, 2-chloro-a-[cthyl]4-[(2-cthyl-5,7-dimethyl=28nnidso(4,5-b)pyridim-3-yl)methyl]phenyl]animo]-, cthyl ester (Ch INDEX

201 251954-61-9 CARGOS CO Reszencectus assi, w=[ethyl][4-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-k)]pyridim-3-yllmethyl]phenyl]amino]-3-methyl-, ethyl ester (CA IMDEX L6 AMEMER 21 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN (Continued)

NI 151254-56-2 CAPLES GB Henzemacestic exid, e-[4-[2-ethyl-5,7-dimethyl-78-jmidszo[4,5-b)pyxids-y-linethyl)-2-methylphemyl)-2-propen-1-ylamizo[-, nethyl-cster (CA HOEE NOME)

381 55:954-57-3 CAPAUS Departmentation and a-[[4-1[2-ethyl-5,7-dinethyl-3H-imidszo]4,5-ijpyridim-3-yl)nethyl]-2-nethylphenyl]propylamino]-, methyl ester (CA NNEX NAME)

NN 151954-58-4 CAPLUS CH Benzemacetic acid, a-[|4-|(2-ethyl-5,7-dimethyl-28-inidazo|4,5-) b)pyridin-2-plinethyl)-2-methylpbenyl)-2-propen-1-ylamino]-2-methyl-, ethyl ester (CA INDEX NAME)

L6 ANSWER 21 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

NN 151954-62-0 CAPLUS
CH Benzerscottic acid, a-[ethyl]4-[(2-ethyl-5,7-dimethyl-3H-imidazo]4,5-blpyridim-3-y-limidazo]4,5-cdffisoro-, ethyl ester (CA INDEX

INI 151954-65-1 CAPADS Denrenacetic acid, e-|ethyl|4-|(2-ethyl-5, 7-dimethyl-3H-imidaro|6, 5-b)pyridim-3-ylnethyl)phenyl]anino|-3,5-bis(trifiboromethyl)-, methyl ester (CA 19808-8986)

RM 15194-44-2 CAPEAR CM Benzensetia said, w=[44-[(2-cthyl-5,7-dimethyl-28-imidize]4,5-b]pyridim=3-yllmethyl]phenyl]-2-propen-1-ylamino]-2,5-diffusoro-, ethyl mixer (CA IREMEX MEMORY) ASSMER 21 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN

137421-77-JP Mx STM (Synthetic preparation); PREP (Preparation) (preparation and tetracole derivative preparation from) 137421-77-1 CANADS BenzemaceConitrile, a=[[4-[2-ethyl-5,7-dimethyl-3H-limidaro[4,5-b)pyridin-1-ylimethyljhewyljmethylamino]- (CX. HORK NAME)

THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS) OS.CITING REF COUNTS

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS L6 ANSMER 22 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN ACCESSION NUMBER: 1993:671155 CAPLUS DOCUMENT NUMBER: 199:271155 OCICIDAL REFERENCE No.: 119:485294,48532a

Preparation of N-[(a-cathogyalbay)]benzyl]benzinidazoler and analoga az anglotenzin II antagonitz kies, Due; Narr, Berthold; Nauel, Nochert; Wienen, Wolfgang; Van Meel, Jacquee; Estzeroth, Michael Thomas, Dr. Karl, Canb, Mr., Germany Ger. Offens, 57 pp. Addm. to Ger. Offens. 4,123,341. PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NOW, COUNT: PATENT INFORMATION:

PATERT NO. KIND DATE APPLICATION NO. DE 4142366 DE 4123341 PRIORITY APPLE, INFO.: DE 1991-4142366 DE 1991-4123341 DE 1991-4123341

OTHER SOURCE(S): NARPAT 119:271155

AB RARDCHROC(CEI)sid [A = CEE, CERCHE, CEMe, etc., B = O, CEE, NB, NNe, etc., fa = substituted [Bessilssidation, -conceptantion].

etc., fo = substituted [Bessilssidation, -conceptantion].

etc., fo = f, (aralably, any), COE, allowagestowny; fo = (eye) ol. left), allowy). Fb, (aralably, any), COE, allowagestowny; fo = (eye) ol. left), allowy). Fb, rapidby), feteroxip; E = (substituted) l. ephenylony n = 0 or or 1 were prepared Thus, d-[EREDC/EEG/EED/COE]. [Expension or n = 0]

condensed with 2-propyl-4-methylbenzimidezole to give, after sapon, title compound I (R = H). I (R = 1-methylbenzimidezole to give, after sapon, title compound I (R = H). I (R = 1-methylbenzimidezole-2-yl) had 10:00 of 4 nN eaglist angloteneds ill bloodings at real tume (tasee prepen no viteo. 104:18-13-07 KM, BMC Biological activity or effector, except adverse); RSU

logical schaffield FM (Symbols preparation) 789 [Theappoile use) and proparation (FM (Theappoile use) 180 [Preparation (FM (Theappoile use) 180 [Preparation of, as angiotensin II antagonist) (New 19678-13-0 (MIGH-[P-ettyl-5, -rainethyl-30-inidately, 5-b)ppysdis-7-bappoile cold, [[[d-[P-ettyl-5, -rainethyl-30-inidately, 5-b)ppysdis-7-bappoile cold, [[[d-[P-ettyl-5, -rainethyl-30-inidately, 5-b)ppysdis-7-bappoile cold, [[[d-[P-ettyl-5, -rainethyl-30-inidately, 5-b)ppysdis-7-bappysdis

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CODER: JMCHAR; 1888: 0022-2623

DOCUMENT TYPE: LANGUAGE: OTHER BOUNCE(8): Journal English CASKEACT 119:49306

A novel series of non-biphenylyltetrazole angiotensin II receptor antagonasts which contain a IB-pyrrol-l-ylacetyl residue in place of the benroyl residue in EUF 600 here been developed. The receptor binding activity of several members of this new series was in the 10-8 K range, which was better than that of EUF 6003. Introduction of a careoxylic

movety at the 2-position of the pyrrole rung enhanced the in vitro binding affinity at the receptor by 10-fold. Compds. containing an acctic acid

=1) or a propionic acid residue I (n = 2) at the 5-position of the imidatole were more potent than the carboxylic acid analog I (n = 0)

minimized with other potent trust the extraorytic acts associated [1, 0 - 0), and 20 statistics [20 of the team [1 - 0] one 20 of 20 statistics [20 of the team [1 - 0] one 20 statistics and other conformation of LEE (60) and LEE (60), resp., the synthesis and objective conformation of LEE (60) and LEE (60), resp., the synthesis and objective conformation of LEE (60) and LEE (60)

18133-23-49 34333-36-39 1838-05-48 1838-05-48 1823 [BH] (Speciation) PMDP (Proparation) [preparation and amploration II receptor antegonist activity of) 12423-23-4 (Augustian Section 11 (Augustian Section 12) [Augustian Section 13] and [Augustian Section 13] and [Augustian Section 13] and [Augustian Section 13] [Augusti

Absolute stereochemistry.

142219-26-9 CAFLUS
12-1yrrole-2-markowylic acud, 1-[2-[[4-[(2-ethy1-5,7-dimethy1-3B-unidazo[4,5-b]pyridim-3-y1)methyl]phenyl]animo]-2-ouo-1[phenylmethyl)ethyl]-, (5)- (9C1) (CA 1802X NAME)

Absolute stereochemistry.

148550-05-4 CAPLUS
18-Pyrrole-1-acetic acid, 2-[[[4-[(2-et)y]-5,7-dinethyl-3B-inidazo[4,5-b]pyrxdax-3-yl)nethyl]phenyl]anino[carbonyl]-w-[phenylnethyl]-,
[655- (CA INDEX NAME)

Absolute stereochemistry.

- 14 DEMONSTRATE OF DATES OFFICER (2011 DOS STEEL CONCESSION DESCRIPTION DESCRIP

- DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NIM. COUN PATENT INTORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04300882		19921023	JP 1991-133715	19910327
PRIORITY APPLE. INFO.:			JP 1991-133715	19910327

OTHER SOURCE(S): MARPAT 118:147562

The tatle derivs. I [R = Cl-7 slkyl(thio); Ri = carboxy, sulfoxyl; X = B, balo] and their satts, useful for treatment of hypertension and heart failure, are prepared A solution of 1.00 g 2-butylinidato[4,5-b]pyridine [preparation given] in IMT was stirred with NAH and then treated with

Assistant and proposes A decomment of the control o

L6 AMSMER 23 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

OS.CITING REF COUNTS 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

L6 ANSWER 24 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

146555-61-5 CAPLUS Benzenamine, 4-[(2-propyl-3H-imidazo[4,5-b]pyzidin-3-yl)methyl)- (CA INDEX NUME)

146555-58-07 146555-59-1P No. NOT (Beatlant) SPM (Synthetic preparation); FREP (Preparation); FRCP (preparation and reduction of) 146555-58-0 CMXLUS All-minaco(4, 5-b)pyridine, 2-bstyl-3-[(4-nitrophenyl)methyl)- (CA IMMEX

146555-59-1 CAPLUS 3B-Inidazo[4,5-b]pyridine, 3-[(4-nitrophenyl)methyl)-2-propyl- (CA INDEX

146555-42-4P 146555-43-7P 146555-44-4P 146555-64-3P 146555-64-4P 146555-64-3P 146555-64-4P 14655

146555-64-8 CAPLUS
Beauck acid, 2-[][4-[]2-[propylthio]-3B-inidaro[4,5-b]pyridin-3-yl[methyl]phenyl]amino]carbonyl]- (CA INDEX NAME)

146555-65-0 CAPLUS Benroic scid, 2-[[[4-][2-brty]-3W-inidaro[4,5-b]pyridin-3-yllnethyl]phenyl]amino[carbonyl]-3,4-dichloro- (CA INDEX NAME)

921 146555-66-0 CAPLUS

- L6 AMBMER 24 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)
- 146555-70-6 CAPLUS Benezeaulfonce acid, 2-[||4-||2-(ethylthio)-38-inidazo|4,5-b)pyridin-3-yllmethylphenyllanimo|carbomyll- (CA INDEX NAME)

OS.CITING MEF COUNT: 1 THERE AME 1 CAPLUS RECORDS THAT CITE THIS MECOND (1 CITINGS)

L6 ANSMER 24 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN (Continued)
CN Benzoic acid,
3,6-d-dchloro-2-[[[4-[[2-(ethylthio)-38-inidazo[4,5-b]pyridin-3-y]]nethyl]phenyl]amino[extonyl]- (CA IMBER NAME)

146555-67-1 CAPLUS
Benzessulfonz acid, 2-||[4-|(2-bety1-38-imidazo|4,5-b]pyridin-3yl)methyl]phenyl]amino]carbomyl]- (CA INDEX MAME)

781 146555-68-2 CAPLOS CN Benzenesulfonio acid, 2-|||4-||(2-propyl-3B-inidazo|4,5-b)pyridin-3-yllnethyl]phenyl]amino]carbomyl]- (CA INDEX NAME)

146555-69-3 CAPLOS Benzensezifonic acid, 2-[||4-||2-(propylthio)-3H-imidazo[4,5-b]pyridin-3-y]nethyl]phenyl]amino]carbonyl]- (CA INNEX NAME)

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DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT:

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									018	1991-	75.702	1	A	19910913

WO 1991-086798 A 19910919

MO 1991-086798 A
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOUNCE(S): MAREAT 117:69865
GI

AB Title compds. I [K, Kl = C, N; R, Rl = B, halo, Cl-6 alkyl, alkoxycarbonyl, carboxyalkyl, tribalomethyl, perfluoroethyl, cyano, CHECK, alkowynethyl, hydroxymethyl, CO2M, etc.; K1 is absent when X = N; RR1 =

or 6-membered (substituted)(hetero)aryl ring when X = C; E, El = vinyl, C2-10 alkymyl, aryl, heteroaryl, etc., when X = C; E2 = Er, Bu,

16 MEMER 25 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN (Continued) cyclealbyl, allyl, propargyl, DMe, CMe, etc.; R3 = CR4R4R6; R4 = B,

Classification of the Community and Communit

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Absolute stereochemistry.

142219-26-9 CAPLUS 1E-Pyrrole-2-marboxylic acid, 1-{2-{[4-{(2-ethyl-5,7-dimethyl-3E-midaro[4,5-b]pyridim-3-yl)methyl]phenyl]amino]-2-oxo-1-[phenylmethyl)ethyl]-, (5)- (5C1) (CA INNEX NAME)

Absolute stereochemistry.

1 212-26-69 (3742-6-52) [Proparation] PADD [Proparation] PADD [Proparation] PADD [Proparation] PADD [Proparation] (3742-6-6-6-6-6-5) [Proparation of, as intermediate for ampiotensis II antagonists) [Proparation of Column 1988 [Proparation of Column 1988

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ACCESSION HOMESAN 1991:126566 CANADOS
171:126566 CANADOS
171:12656 CA

Shigeli; Imoue, Takayuki; Saltoh, Yuki; Kuroda, Akio; Tanaka, Hirokaru Fujisawa Pharaeutical Co., Ltd., Japan Eur Pat. Appl., 64 pp. Patent Deckler English Sepilah

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: FATENT INFORMATION:

PATERT NO. KIND DATE APPLICATION NO. DATE 19910914 19910904 FI 1991-4163 EA 1991-7128 AT 1991-115444 CN 1991-109182 CA 1991-2052125 NO 1991-3750 BF 1991-3052 JF 1991-30759 GB 1990-20838 19920729 NO 9103750 BU 59404 JP 04288075 PRIORITY APPLN, INPO., A 19901231 GB 1991-3974 A 19910225 OB 1991-6956 A 19910403 GB 1991-7231 GB 1991-12803

(1980 - 237907 FON 19 NOTES NOTE

AMSMER 25 OF 29 CAPLUS COPTRIGHT 2011 ACS on STN (Continued)

137421-63-5 CAPLOS Benzenanine, 4-[(2-ethyl-5,7-dimethyl-3H-inidazo[4,5-b]pyridin-3-yl)methyl) (CA IMDEX NAME)

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS

(3 CITINGS)
THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REPERENCE COUNTS

NN 142014-23-1 CAPLUS
CN 38-Instance(4,5-b)pyridine,
2-butyl-7-methyl-3-{[3-mitro-4-[2-|2B-tetrarol-5-yl-3-B-yrrol-1-yl]phemyl[methyl]-, sodium salt (1:1) (CA INDEX NAME)

ARRESTS 26 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

• No.

14001-07-09 141061-07-19.

ALSON Depth-this preparation) FRED Drapatation) [preparation of, as intermediate for anysotremain II astaquenists) [cloth-c7-0. ACADEM ASSAULT ASSA

142045-36-1 CAPLUS 1B-Pyrrole-2-carbonatrile, 1-[4-[(2-butyl-7-methyl-3M-imidazo[4,5-b)pyrudn-3-pl)methyl-2-mitrophenyl] (CA IMDEX NAME)

OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

12. ARREAU 1 v 20 CALUME CONTRIBUTE 2011 ACC ON STEE
CONCRECTOR TREATMENT 199116515 CONTRIBUTE AND THE CONTRIBUTE THE CONTRIBUTE THE CONTRIBUTE THE CONTRIBUTE THE CONTRIBUTE THE CONTRIBUTE AND ADMINISTRATION OF HIS PROPERTY OF THE CONTRIBUTE AND ADMINISTRATION OF HIS PROPERTY OF THE CONTRIBUTE AND ADMINISTRATION OF THE CONTRIBUTE AND ADMINIST

A.; Dhanea, Daljit S.
Morck and Co., Inc., USA
PCT Int. Appl., 401 pp.
CODER: FINCE2
Patent
English
2 Ealph PATERLY ASSTORER(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT:

	ZHI NO.						AP:	PLICATION NO -		
				8.1		19910822	560	1991-05957		19910211
	W: CA									
								R, IT, LU, NL,		
								1991-2075627		
								1991-2075637		
								1991-905733		19910211
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	0550496			T				1991-505964		
						19930831		1991-744557		
	264439							1991-744138		
	449682			A		19950912		1993-61975		
RIORITY	APPLES.	mro	- 6				US	1990-479786	- A	19900213
							90	1991-08957	м	19910211
							08	1991-671551	B2	19910319
							OS.	1991-671552	112	19910319

US 1991-744557 A3 19910813 RMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT (SOURCE(S): MARPAT 115:25-6165

AMBMER 27 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN

Tale supple. [1, 7] : (neutrinos) supple. (a)pp.), a)pp.; (heavy), p.; title compound

137420-35-09 151954-15-39 151954-18-69 139359-17-89 151954-16-4P 151954-20-0P

137410-35-0 CAPLUS 28-7ctrazole-5-methananine, N-[4-[(2-ethyl-5,7-dinethyl-3H-inidazo[4,5-b)pyxidin-3-yl)methyl)-bnenyl)-N-methyl-w-phenyl (CA INDEX NOME)

ANSMER 27 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

188359-17-8 CAPLUS
Benzenacetic acid, c=[[4-[[2-ethy1-5,7-dimethy1-3H-imidazo[4,5-b]pyridin-3-y1)methy1]pheny1][1-methy1propy1]amino]- (CA. INDEX NONE)

151954-14-2 CAPLOS Berenneactic acid, c-[[4-[(2-ethyl-5,7-dimethyl-3E-imidazo[4,5-b)pyxidim-3-yl)methyl]phenyl]amimo[- (CA IMBER NAME)

151954-15-3 CAPLUS Benzamescetic soid, e-[[4-[(2-ethyl-5,7-dimethyl-NH-inidszo[4,5-b]pyzdim-3-yl)methyl]phenyl]methylamino]- (CA INDEX NUME)

 $151954-16-4 \quad \text{CAPLUS} \\ \text{Benzeneacetic acid, } \text{$w-\{\text{ethyl}\{6-\}\{2-\text{ethyl}-5,7-\text{dimethyl}-38-\text{imisazo}\}4,5-\text{otherwise}\}$}$

MEMER 27 OF 29 CAPLUS COFFRIGHT 2011 ACS ON STN b)pyridin-3-yllnethyl]phenyl]amino]- (CA INDEX NAME)

[51854-17-5] CAPUNE Senzeneacetic acid, e-[|4-|(2-ethyl-5,7-dimethyl-38-imidazo[4,5-s]pyxidin-1-yl]methyl]phenyl]-2-propen-1-ylamino]- (CA INDEK NOM

151954-20-0 CAPLUS
Benzesacetic acid, w-[|4-|(2-ethyl-5,7-dinethyl-38-inidaro|4,5-hlowrida-3-wlinethylboherw1)(2-methylpropyl)amino|- (CA INDEX NAME)

151954-22-2 CAPLUS Resizencectic acid, w-[(cyclopropylmethyl)|4-|(2-ethyl-5,7-dimethyl-

AMSMER 27 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN (Continued) yl|methyl|phenyl|-, 1,1-dimethylethyl ester (SCI) (CA INDEX NAME)

137422-63-7 CAPLOS Carbanuc scut, [4-1 (2-ethy)-5,7-dimethy)-28-imidazo[4,5-b]pyridim-2-yllmethyl]pheryl]methyl-, 1,1-dimethylethyl ester (9C1) (CA IRREE NAME:

137421-64-8 CAPLUS Benzemanize, 4-[(2-ethyl-5,7-dimethyl-28-inidazo[4,5-b]pyridin-3-vllmethyl-8-methyl- (CA INDEX NAME)

NO 137421-66-0 CAPLUS

AMEMBER 27 OF 29 CAPLUS COFFEIGHT 2011 ACS on STN (Continued)
38-inidazo[4,5-b]pyridin-3-yllmethyl]phenyl]amino]- (CA INDEX NAME)

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137421-61-5 CAFLUS Benzensnine, 4-[(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)methyl) (CA INDEX NAME)

 $137421-62-6 \quad CAPLOS \\ Carbanic acid, \quad |4-| (2-ethyl-5,7-dimethyl-38-imidazo|4,5-o)pyridin-3-0.$

ANSMER 27 OF 29 CAPLUS COPYRIGHT 2011 ACS on STN (Continued)

Carbanic acid, ethyl4=(2-ethyl-5,7-dimethyl-3H-inidaco(4,5-b)pyridin-3vl)methyl10bervll-, 1.1-dimethylethyl ester (SCI) (CA INDEX NAME)

137421-67-1 CAPLUS Benzensnine, N-ethyl-4-[(2-ethyl-5,7-dimethyl-3E-inidaro[4,5-b]pyridin-3-yl)methyl) (CX INDEX NUME)

137421-68-2 CAPLUS Benzeneacetic sold. ==[ethy1]4-|(2-ethy1-5,7-dimethy1-3H-inidazo|4,5-b]pyridm-3-y1)methy1]pheny1]amino]-, methy1 meter (CA INDIX NAMI)

137421-69-3 CAPLES Carbanic acid, [4-|(2-ethyl-5,7-dimethyl-28-imidazo(4,5-b)pyridin-2-yl)methyl)phenyl)propyl-, 1,1-dimethylethyl ester (901) (CA INDEX NAME)

ASSMER 27 OF 29 CAPLUS COPTRIGST 2011 ACS on STN

137421-70-6 CARLUS Bearcanne, 4-(2-ethyl-5,7-dimethyl-3B-inidaro[4,5-b]pyridin-3-yllnethyl-M-propyl- (CA NDME)

137421-71-7 CAPLOS Beatzeacetic acid, =-[[4-[[2-ethyl-5,7-dimethyl-78-inidaro[4,5-b]pyxidar-3-yl)methyl]phenyl]propylanino]-, methyl ester (CA IRDEK NAME)

137421-72-8 CAPLOS Benrezeacetic acid, a-[[4-[[2-ethyl-5,7-dimethyl-38-imidazo[4,5-b]pyxidim-3-yl)methyl]phenyl]anino]-, methyl ester (CA INDEX NUME)

NN 137421-73-9 CAPLUS

AMENER 27 OF 29 CAPLUS COFFRIGHT 2011 ACS on STN

137421-77-3 CAPLUS Benzezezetenitrile, $\alpha = [\{4 = \{(2 - \text{cthy} 1 - 5, 7 - \text{direthy} 1 - 3 B - \text{inides} \} | \text{plyzidin-3-y} \} \text{methyl phenyi}] \text{methylanino} - (CA INDEX NAME)}$

$$\begin{array}{c} x_0 \\ \\ \\ x_{-} \\ \\$$

137445-56-8 CAPLUS Benzeneacetto acid, w-[2-propen-1-yl[4-[42,5,7-trimethyl-78-inidazo[4,5-b]pyridin-3-yl]methyl]phenyl]amimo]-, methyl ester (CA INDEX

OS.CITINO MEY COUNTS THERE ARE 8 CAPLUS RECORDS THAT CITE THIS

(8 CITINGS)
THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS DESCRIPT AND CITATIONS AVAILABLE IN THE RE REPERENCE COUNTS PORMAT

ASSAME 27 OF 29 CANAUS CONTRIGHT 2011 ACS on STH (Continued) Benzemaseria caid, ==[4-[2-chyl-5,7-chinethyl-3%-iniaste [4,5-b]pyradim-3-yllnethyl]phenyl] (2-methylpropyl)amino]=, methyl ester (CA THOSE NAME)

137421-74-0 CAPLUS Bemzenscette acud, e=[(cyclopropylmethyl)[4=[(2-ethyl=5,7-dimethyl=33-inidaro[4,5-b]pyridin=3-yl]methyl]phenyl]amino]-, methyl ester (CARDOX NUME)

137421-75-1 CAPLUS
Benteneacetic acid, w=[[4-[2-ethyl-5,7-dimethyl-28-imidino[4,5-s]pyridin-3-yl)methyl][1-methylpropyl)anino]-, methyl ester (CA-INDEX NAME)

Benzensezetic seid, e-[[4-[[2-ethyl-5,7-dimethyl-3H-mindamo[4,5-b]pyridim-3-yl)methyl]phenyl][l-methylethyl)amino]-, methyl ester (CA RODEN 1988)

KIND DATE APPLICATION NO. GB 1356142 A 19740612 PRIORITY APPLE INFO. GB 1971-9593 GB 1971-9593 AB Benzotriazole antifoggants were masked at the active site by reacting with

alkyl- or (alkoxysulfomamido)benroyl chloride. The masking chain was removed at a temperature dependent rate in aqueous alkaline developing solms. Thus,

6-brone-7-[4-(hexadecanesulfon-amido)benroyl]-5-methyl-4-atabeninidazole, added to a diffusion transfer photog, emulsion, made the anticoppant available in greater quantities at higher processing temps, quivan improved color balance in the developed product, and an addni. degree of stabilization over the unmarked anticoppant. Preparation of 7 other

masked antifoggants was described. 17 37007-71-5 EL: USES (Uses)

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DOCUMENT TYPE: 1%
LANGUAGE: En
LANGUAGE: FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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PRODUCT PATRS. HUMO. 1 (1975). The Model of Law (1975) and 1975 (1975) and 197

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINOS)

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FULL ESTIMATED COST	200.40	424.07
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CA SUBSCRIBER PRICE	-25.23	-25.23

STN INTERNATIONAL LOGOFF AT 10:31:35 ON 11 FEB 2011